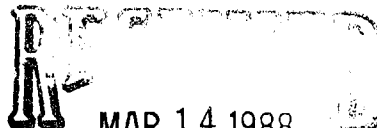


# MERIDIAN OIL

March 10, 1988

  
MAR 14 1988

State of Utah Natural Resources  
Oil, Gas and Mining  
355 W. North Temple  
3 Triad center, Ste 350  
Salt Lake City, Utah 84180-1203

DIVISION  
OIL, GAS & MINING

Attention: Arlene Sollis

Re: Application for Permit to Drill  
21-33 Bannock-Federal  
NENW Section 33-38S-24E  
San Juan County, Utah  
Federal Lease No. U-40361

Gentlemen:

Enclosed are three copies of Form 3160-3, Application for Permit to Drill with attachments for the above referenced location.

Water appropriation will be Water User Claim No. 09-1499.

Please be advised that Meridian Oil Inc. requests that all pertinent data for this location be granted TIGHT HOLE status.

If you have any questions, please do not hesitate to call me at 406-256-4122.

Sincerely,



Suzann S. Nelson  
Sr. Operations Technician

/ssn/1771N

Encl

cc: Bill Mitchell

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

2. NAME OF OPERATOR

MERIDIAN OIL INC.

3. ADDRESS OF OPERATOR

P. O. Box 1855, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NENW (685' FNL - 1520' FWL)

At proposed prod. zone

NENW (640' FNL - 2580' FWL)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

4 miles northwest of Hatch Trading Post

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

685'

16. NO. OF ACRES IN LEASE

2176.8

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

-

19. PROPOSED DEPTH

6250'  
6420'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4958' GL (graded)

22. APPROX. DATE WORK WILL START\*

April 20, 1988

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	54.5#	80'	Mini-Mix to surface
12-1/4	9-5/8	36#	2100'	Cement to sfc w/600 sx
8-3/4	5-1/2	15.5#	6450'	Single stage. TOC @ 5400'. Caliper log + 20% excess

CONFIDENTIAL

Oil and Gas Order #1

Attachments:

Survey Plat

Eight Point Drilling Plan

Thirteen Point Surface Use Plan

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*D.R. Harris*

TITLE

Regional Drilling Engineer

DATE

3/9/88

(This space for Federal or State office use)

PERMIT NO.

43-037-31425

APPROVAL DATE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

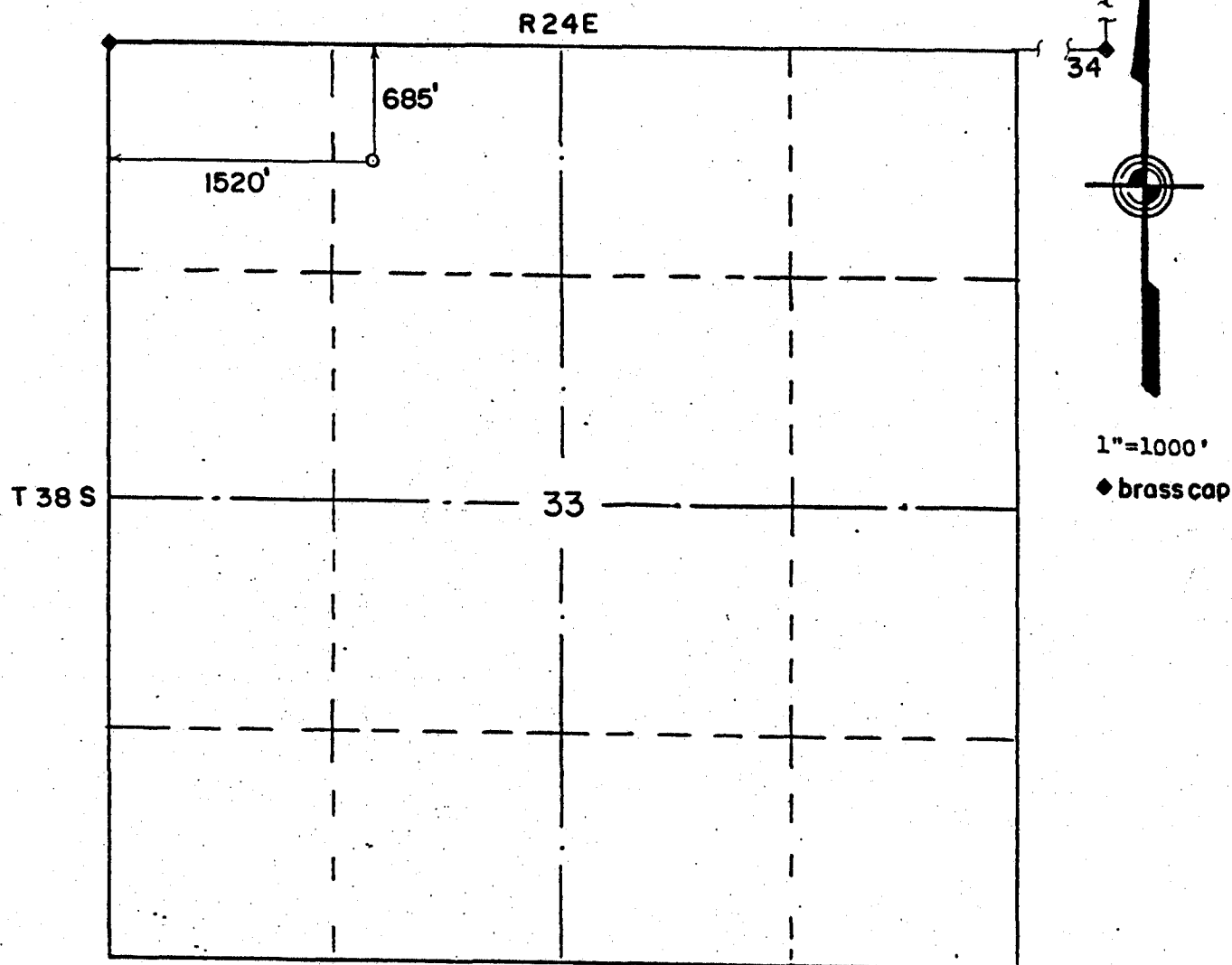
DATE 6-3-88

BY *John R. Bay*

\*See Instructions On Reverse Side

WELL SPACING: *RD 15-3-3*

# WELL LOCATION AND ACREAGE DEDICATION PLAT



## WELL LOCATION DESCRIPTION:

Meridian Oil, Bannock #21-33

685' FNL & 1520' FWL, 4958' grd. elevation

Section 33, T.38 S., R.24 E., SLM

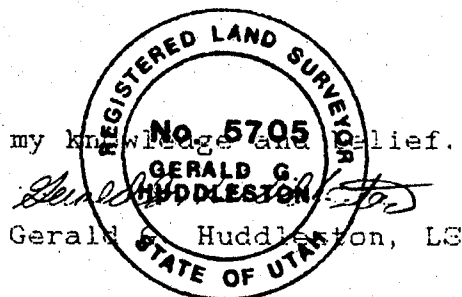
San Juan County, Utah

References: SP 262, 644' FN & 1580' FW, 4952'

SP 263, 636' FN & 1478' FW, 4951'

The above plat is true and correct to my knowledge and belief.

30 November 1987



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

MERIDIAN OIL INC.

3. ADDRESS OF OPERATOR

P. O. Box 1855, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)

At surface

NENW (685' FNL - 1520' FWL)

At proposed prod. zone

NENW (640' FNL - 2580' FWL)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

4 miles northwest of Hatch Trading Post

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 685'

16. NO. OF ACRES IN LEASE  
2176.8

17. NO. OF ACRES ASSIGNED  
TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. -

19. PROPOSED DEPTH  
6250' *aksh*

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4958' GL (graded)

22. APPROX. DATE WORK WILL START\*  
April 20, 1988

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	54.5#	80'	Redi-Mix to surface
12-1/4	9-5/8	36#	2160'	Cement to sfc w/600 sx
8-3/4	5-1/2	15.5#	6250'	Single stage. TOC @ 5400'. Caliper log + 20% excess

CONFIDENTIAL INFORMATION

Oil and Gas Order #1

Attachments:

Survey Plat

Eight Point Drilling Plan

Thirteen Point Surface Use Plan

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*D.R. Harris*

TITLE

Regional Drilling Engineer

DATE

3/9/88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

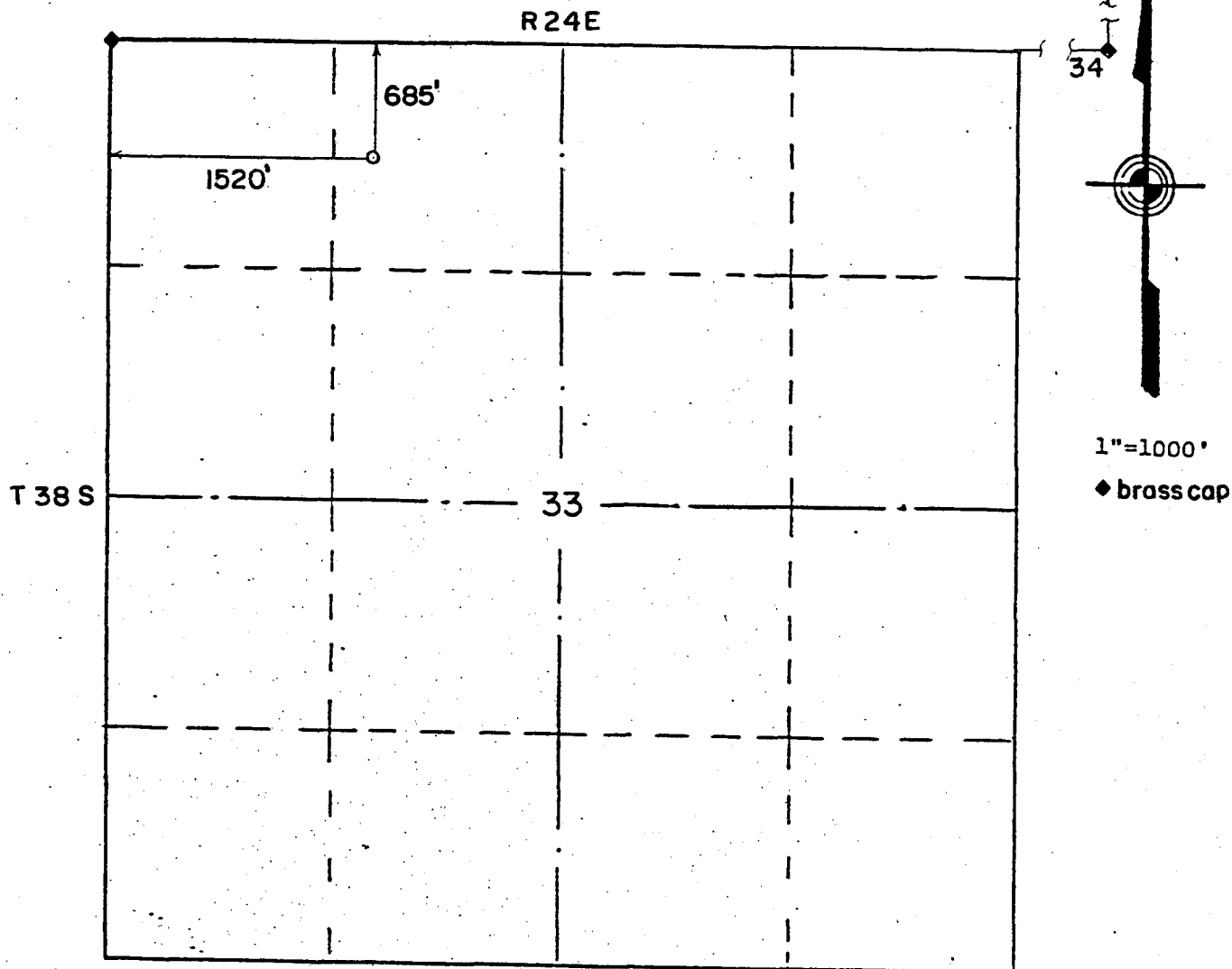
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# WELL LOCATION AND ACREAGE DEDICATION PLAT



## WELL LOCATION DESCRIPTION:

Meridian Oil, Bannock #21-33

685' FWL & 1520' FWL , 4958' grd. elevation

Section 33, T.38 S., R.24 E., SLM

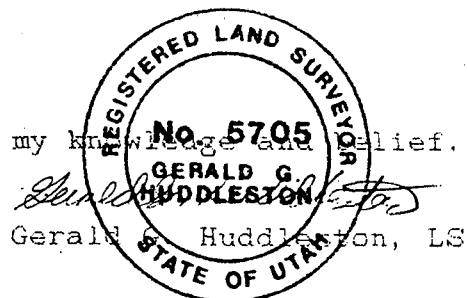
San Juan County, Utah

References: SP 262, 644' FN & 1580' FW , 4952'

SP 263, 636' FN & 1478' FW , 4951'

The above plat is true and correct to my knowledge and belief.

30 November 1987



## MERIDIAN OIL INC.

LEASE NAME: 21-33 Bannock  
 LEASE NO. U-40361  
 LOCATION: NENW Section 33-38S-24E  
 685' FNL - 1520' FWL (Surface)  
 640' FNL - 2580' FWL (Bottom Hole Location)  
 San Juan County, Utah  
 Bannock Prospect

All lease/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to ensure compliance.

A. EIGHT POINT DRILLING PROGRAM (True Vertical Depth)1. & 2. Estimated Tops:

Morrison	Surface	
Entrada	877	
Navajo	1167	fresh water
Chinle	2058	
Shinarump	2721	
Cutler	3224	
Hermosa	4876	
Upper Ismay	5857	oil
Top Porosity	5907	oil
Hovenweep	5992	
Lower Ismay	6007	
Gothic	6056	
Desert Creek	6089	oil
Bug	6154	
Chimney Rock	6174	
Akah	6196	
TD	6250	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth, cased, and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

- a. A 3000 psi WP wellhead will be installed on the surface casing. A 3000 psi WP Annular preventer and 3000 psi WP double gate preventer equipped with blind and pipe rams will be nipped up on wellhead. Annular preventer will be tested to 1500 psi against casing. Pipe and blind rams, choke line and manifold will be tested to 1500 psi against casing. Casing will be tested to 1500 psi prior to drilling float shoe.
- b. BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventor controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

4. Casing program:

Anticipated cement tops will be reported as to depth, not the expected number of sacks.

Hole Size	Casing Size	Depth	Weight	Grade	Thrd	Cond	Cementing Program
17-1/2	13-3/8	80'	54.5#	H-40	ST&C	New	Redi-Mix to Surface
12-1/4	9-5/8	2,160'	36#	K-55	ST&C	New	Cement to sfc w/600 sx.
8-3/4	5-1/2	6,250'	15.5#	K-55	LT&C	New	Single stage. TOC @ 5400'. Caliper log + 20% excess.

5. Proposed drilling mud program:

A water base mud system from surface to TD. Maximum anticipated mud weight is 9.3#/gallon.

A mud logging unit will be on location from 3700' to TD.

6. Coring, Logging and Testing Program:

Coring

None

Logging

GR/DLL/MSL	Base surface casing to TD (GR to surface)
GR/LDT/CNL/PEF	Base surface casing to TD
GR/BHC Sonic Dipmeter	Base surface casing to TD (GR to surface display)
	Minimum op charge.

Testing

Upper Ismay - Probable  
Desert Creek - Probable

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

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7. Anticipated abnormal BHP or BHT:

No abnormal BHP or BHT are expected in this well.

Potentially hazardous conditions anticipated:

No H<sub>2</sub>S has been found, reported or is known to exist at these depths in this area.

8. Anticipated Starting Dates and Notifications of Operations

Required verbal notifications are summarized in Table I, attached. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with ~~Onshore Oil and Gas~~ Order No. 1, this well will be reported on Form 3150-8, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM, Moab District Office, P. O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

Should the well is successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

A "Subsequent Report of Abandonment" (Form 3160-5), will be filed with the District Manager, within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.



O&G Order No. 1  
21-33 Bannock  
1755N/Page 4

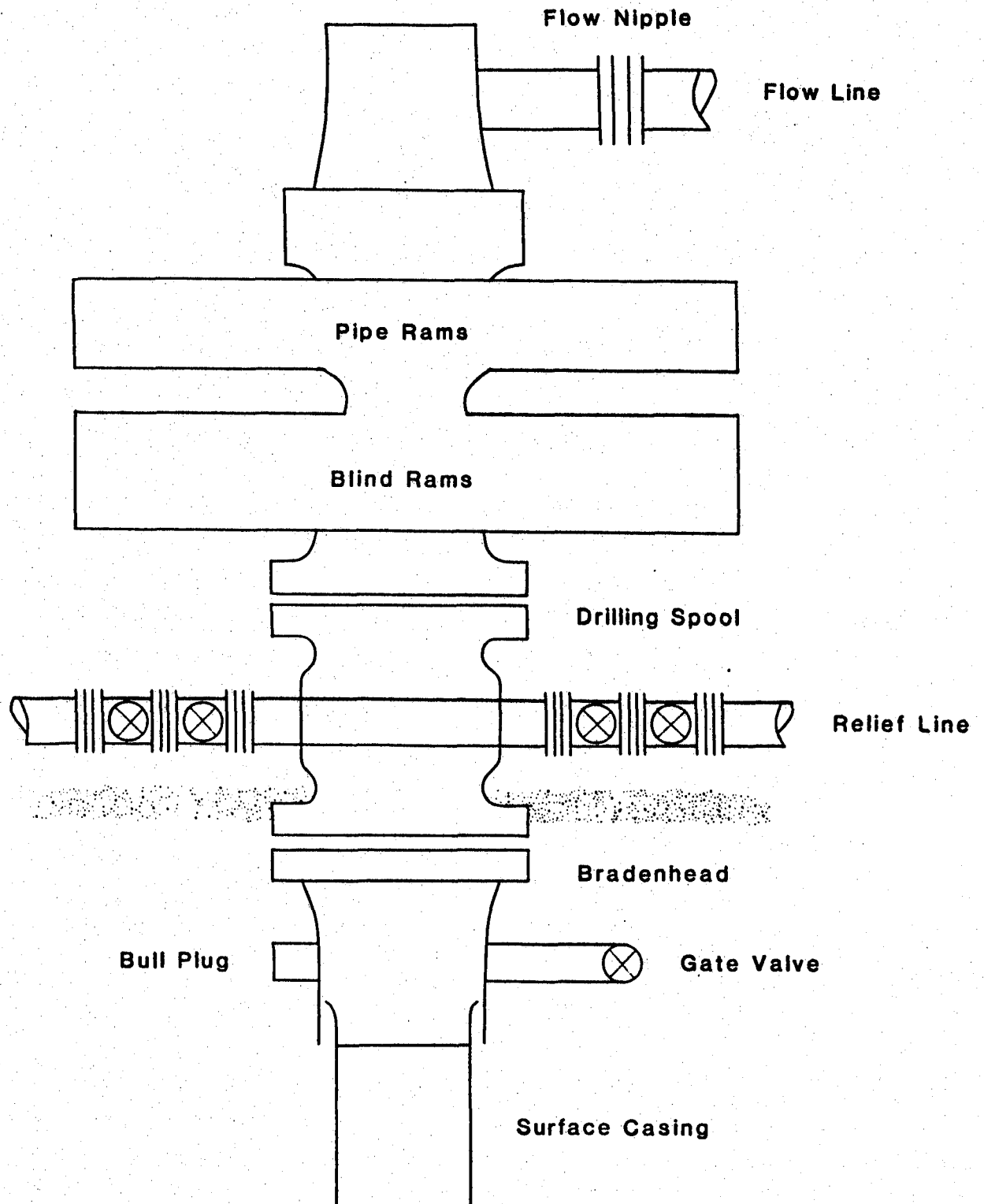
Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed as follows:

Above ground pipe, information beaded-on with a welding torch. The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable. "Well number, location by 1/4 1/4 section, township and range". "Lease number".

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# TYPICAL B.O.P. INSTALLATION



Series 900 Double Gate B.O.P.,  
rated at 3000 psi Working Pressure.

B. THIRTEEN POINT SURFACE USE PLAN

1. Existing Roads (Yellow)

- a. Location of proposed well in relation to town or other reference point: 4 miles northwest of Hatch Trading Post.
- b. Proposed route to location. (See attached Exhibit "1").
- c. Existing and new access shall be maintained in good or better condition.
- d. A one-wire fence will be built around all archeological sites next to access road and well pad.

2. Planned Access Roads (Blue)

- a. The maximum total width will be 30 feet for approximately 2 miles.
- b. Maximum grade is N/A.
- c. Turnouts will be constructed as needed.
- d. Road is centerline flagged from existing lease roads.
- e. Road will be drained as needed.
- f. Access will be built to Class III road standards (18' wide Running Surface, 6" pit run surface material).

Surface disturbance and vehicular travel will be limited to the approved location and approved access road. Any additional area needed will be approved in advance by the Area Manager.

The access road will be rehabilitated or brought to Class III Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells (1 mile radius)

- a. Existing wells in the area are shown on attached Exhibit "1".

4. Location of Existing and/or Proposed Facilities if Well is Productive

Production facilities will be located at the Kachina Tank Battery in Section 24-38S-23E..

The pipeline will be buried along access road to Central Tank Battery.

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. The color will be Desert Tan with Brown trim.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the largest tank in the battery.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and downstream for the remainder of the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply

All water needed for drilling purposes will be hauled by Hay Hot Oil Service, a commercial water hauler, from a private source.

A temporary water use permit for this operation will be obtained from the Utah State Engineer, Mark Page, Price, Utah (657-1303).

Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

6. Source of Construction Materials

Native soil materials from drilling location and access trail, which is available, will be used. Any additional materials needed will be hauled in from authorized commercial sources.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.1-3.

7. Methods for Handling Waste Disposal

The reserve pit will be lined with commercial bentonite.

Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

All trash must be contained and disposed of by a trash basket. Basket must be totally enclosed with a fine wire mesh before the rig moves in. The road and pad will be kept litter free.

If burning is required, a permit will be obtained from the State Fire Warden, George Kensley, (801) 587-2237. (Permit required May 1 - October 31)

Produced waste water will be confined to a (lined) pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

8. Ancillary Facilities

Camp facilities will not be required.

9. Well Site Layout

Rig layout is shown on attached Exhibit "9a".

Cuts and fills are shown on attached Exhibit "9b".

The reserve pit will be located on South side of location.

The top 6 inches of soil material will be removed from the location and stockpiled separately on the north side of pad.

Topsoil along the access will be reserved in place adjacent to the road.

Access to the well pad will be from the West.

10. Plans for Restoration of Surface:

Immediately on completion of drilling, the location and surrounding area will be cleared of all remaining debris, materials, trash and junk not required for production.

- Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

All disturbed areas will be recontoured to to the approximate natural contours.

The stockpiled topsoil will be spread evenly over the disturbed contours.

Prior to reseeding, all disturbed area, including the access roads, will be scarified and left with a rough surface. Disturbed areas will be scarified six (6) inches deep, with rips eighteen (18) inches apart.

Seed will be broadcast at a time specified by the BLM and BIA and will consist of a mixture specified by the BIA.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

11. Surface Ownership: Navajo Indian  
Mineral Ownership: Federal

12. Other Information

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.3-2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

The dirt contractor will be provided with an approved copy of the surface use plan.

All persons in the area who are associated with the project will be informed by the Operator that they will be subject to prosecution for disturbing archaeological sites or collecting artifacts. If subsurface cultural material is exposed during construction, work at that spot will stop immediately and the BLM, San Juan Resource Area Office will be contacted (801) 587-2141. The Operator will be responsible for the cost of evaluation of the discovery and proper mitigation measures. Any decision as to proper mitigation shall be made by the authorized officer after consulting with the Operator.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

If at any time the facilities located on public land authorized by the terms of the lease are not longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligation determined by the authorized officer.

13. Lessee or Operator's Field Representative and Certification

Meridian Oil Inc.  
P. O. Box 1855  
Billings, Montana 59103

1. Johnny L. Wright, Drilling Manager	406-256-4175	406-252-2889
2. Steve Cruickshank, Drilling Eng.	406-256-4164	406-252-0701
3. Douglas R. Harris, Reg. Drilling Eng.	406-256-4025	406-652-2381
4. John Pulley, Completion Supt.	406-256-4124	406-259-6156

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and, that the work associated with the operations proposed herein will be performed by MERIDIAN OIL INC. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

D. R. Harris  
Douglas R. Harris  
Regional Drilling Engineer

3/9/88  
Date

TABLE 1

NOTIFICATIONS

Notify the San Juan Resource Area, at (801) 587-2141 for the following:

- 2 days prior to commencement of dirt work, construction or reclamation;
- 1 day prior to spudding;
- 1 day prior to running and cementing surface casing;
- 1 day prior to pressure testing of BOPE and/or surface casing.

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed:

Steven Jones, Petroleum Engineer                      Office Phone: (801) 259-6111

Home Phone: (801) 259-7404

Lynn Jackson, Chief, Branch of Fluid Minerals

Office Phone: (801) 259-6111

Home Phone: (801) 259-7990

Paul Brown, I&E Coordinator

Office Phone: (801) 259-6111

Home Phone: (801) 259-7018

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS.



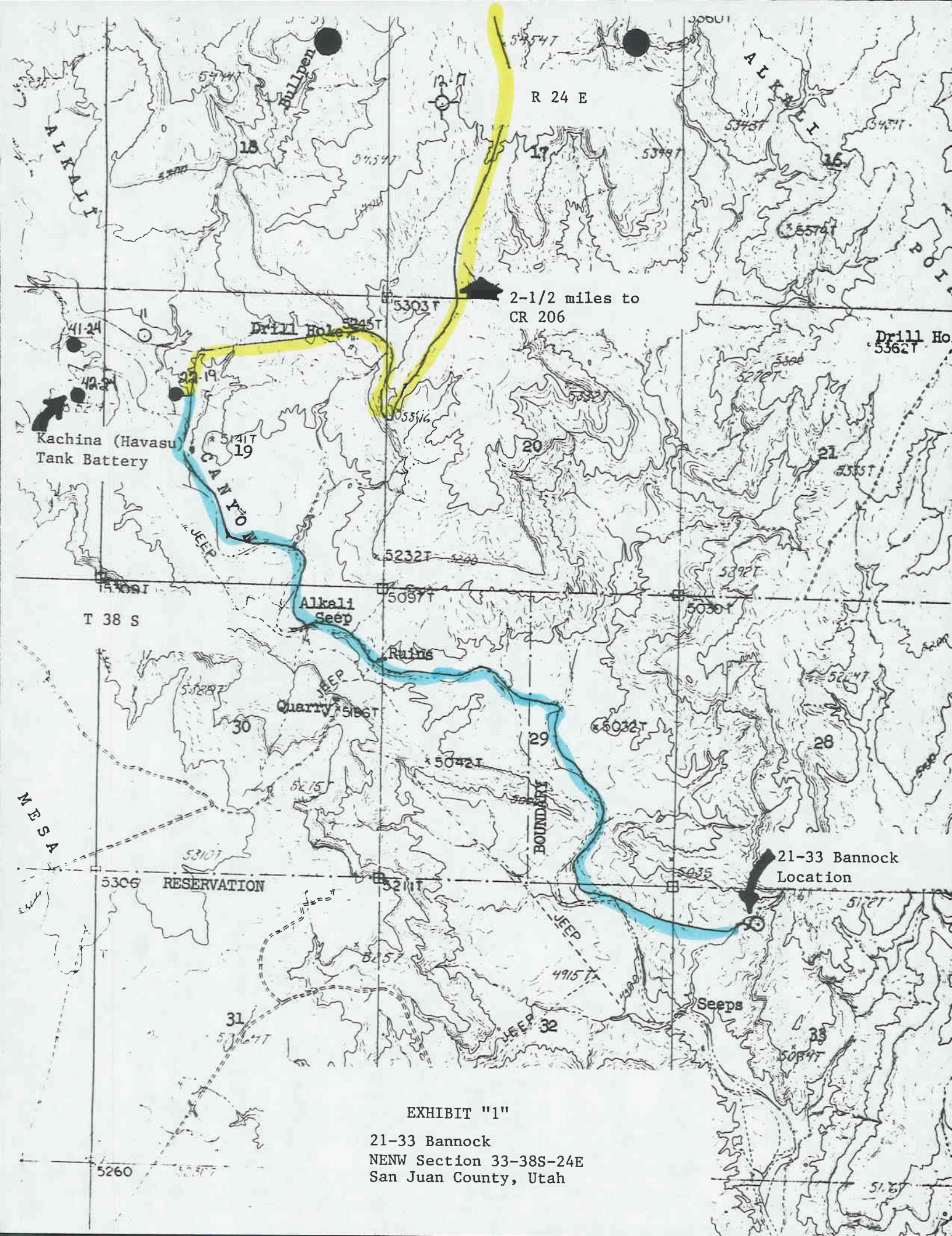


EXHIBIT "1"

21-33 Bannock  
NENW Section 33-38S-24E  
San Juan County, Utah

# WELL PAD PLAN VIEW

Well 21-33 Bonnock

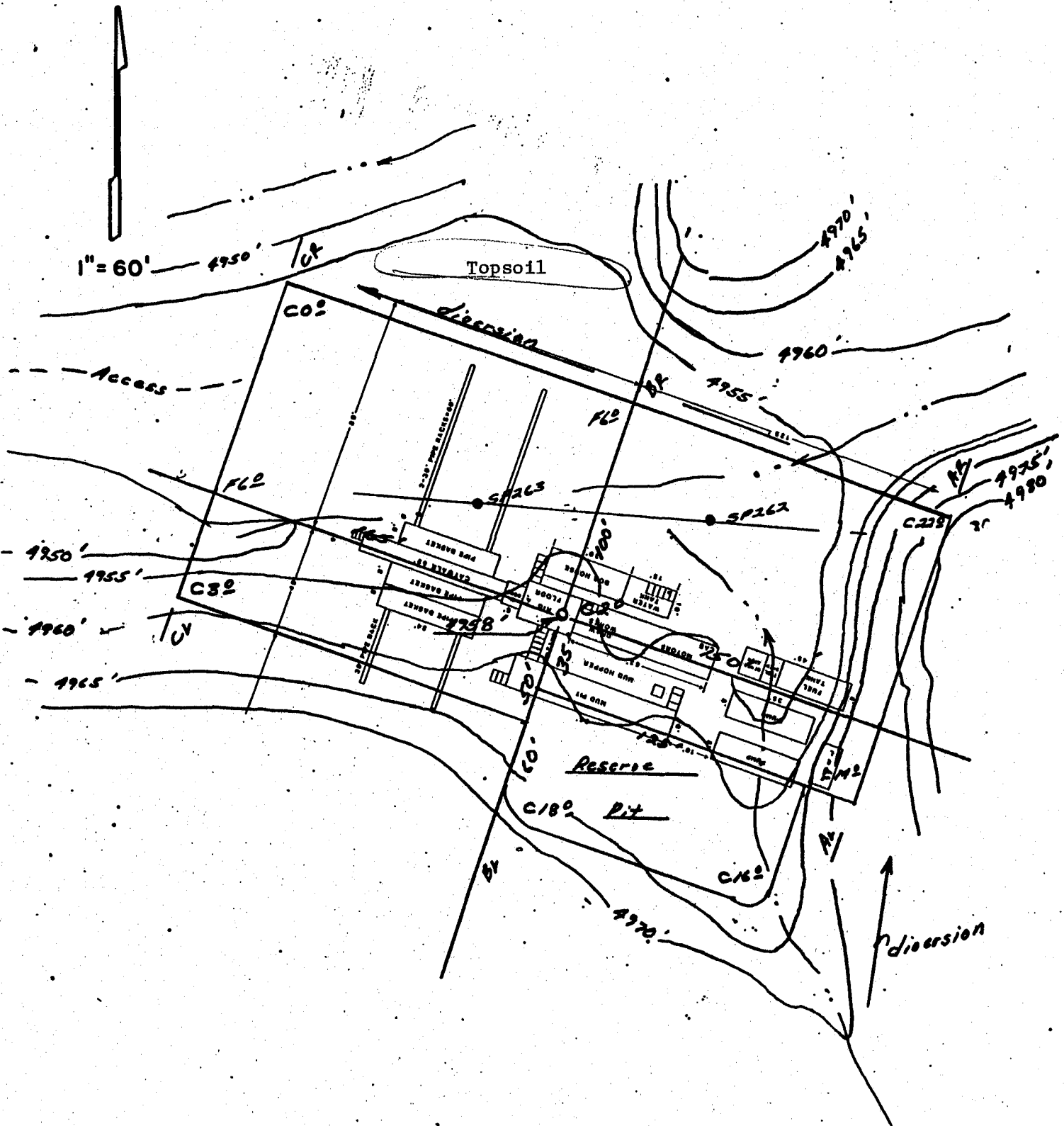



EXHIBIT "9a"  
Rig Layout

# WELL PAD CROSS-SECTION

21-33 Bannock

Cut /////  
Fill 

Scales: 1" = 60' H.  
1" = 30' V.

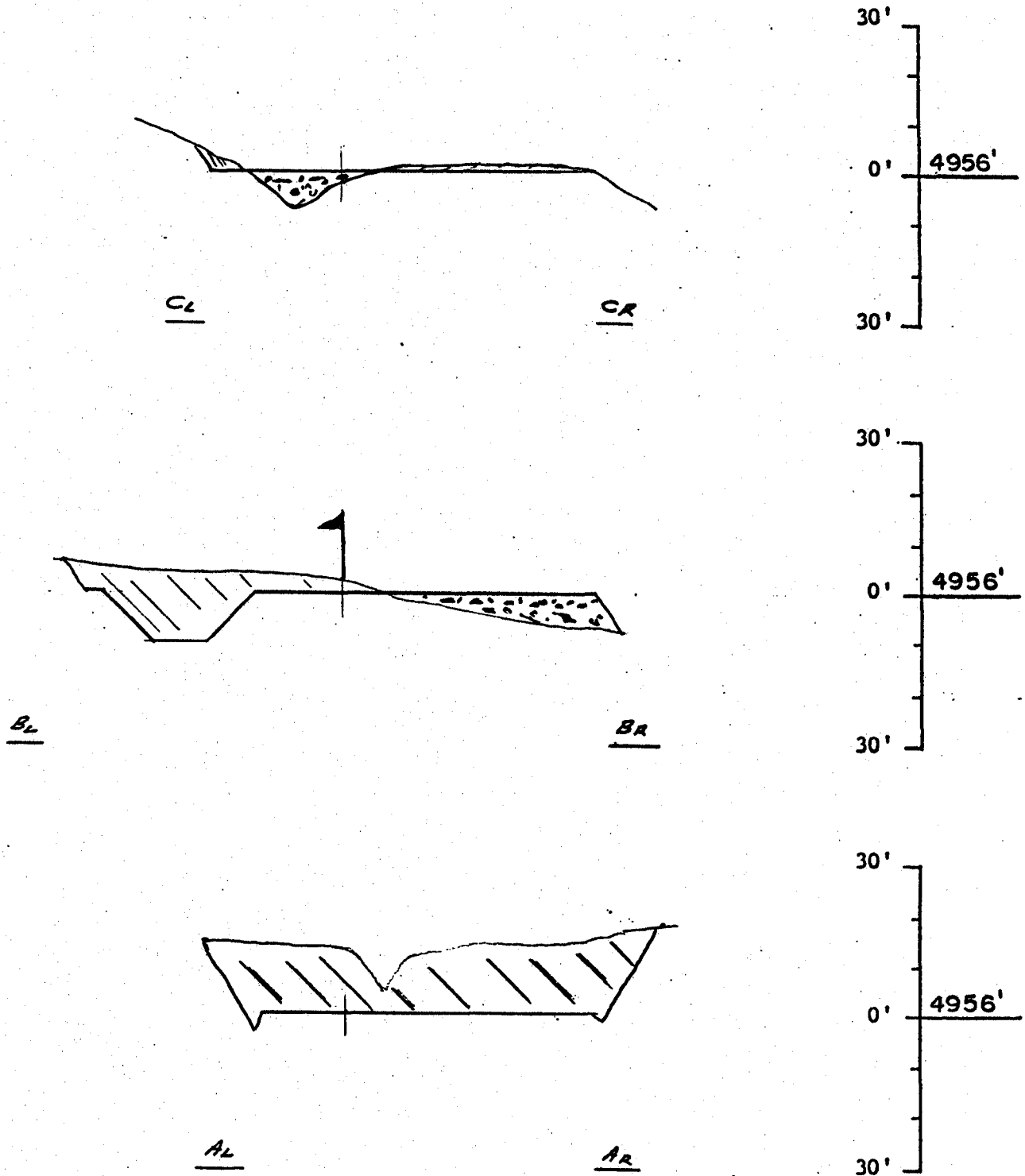


EXHIBIT "9b"  
Cross-Section



STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

- 
1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
- 
3. APPROXIMATE DATE PROJECT WILL START:  
Upon approval
- 
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Southeastern Utah Association of Local Governments
- 
5. TYPE OF ACTION: ☐ Lease ☒ Permit ☐ License ☐ Land Aquisition  
☐ Land Sale ☐ Land Exchange ☐ Other\_\_\_\_\_
- 
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill
- 
7. DESCRIPTION:  
Meridian Oil Inc. proposes to drill a wildcat well, the Bannock Federal #21-33, on federal lease number U-40361 in San Juan County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S. Bureau of Land Management is the primary administrative agency in this case and must issue approval to drill jointly with DOGM before operations can commence.
- 
8. LAND AFFECTED (site location map required) (indicate county)  
NE/4, NW/4, Section 33, Township 38 South, Range 24 East, San Juan County, Utah
- 
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?  
Unknown
- 
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
Degree of impact is based on the discovery of oil or gas in commercial quantities.
- 
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:  
Chip Hutchinson, Moab, 259-8151
- 
12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
John Baza  
PHONE: 538-5340
- John R. Baza*  
DATE: 4/28/88 Petroleum Engineer
-

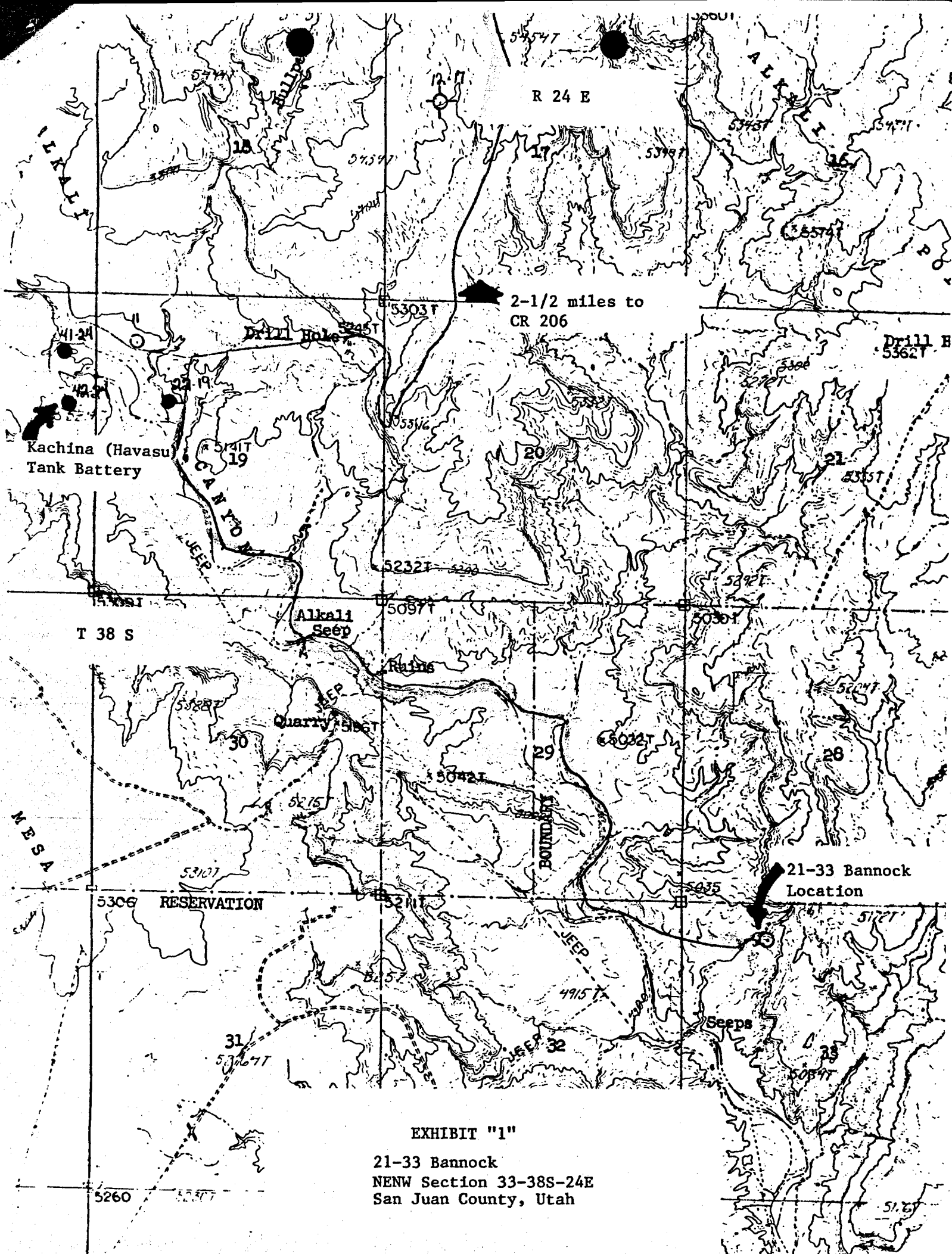


EXHIBIT "1"

21-33 Bannock  
NENW Section 33-38S-24E  
San Juan County, Utah

# CONFIDENTIAL

OPERATOR Meridian Oil, Inc DATE 3-15-88

WELL NAME Bannock Fed. 21-33

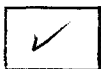
(SURF)  
SEC NENW 33 T 38S R 24E COUNTY San Juan

(~~SW 34~~)

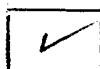
43-037-31425  
API NUMBER

Fed.  
TYPE OF LEASE

CHECK OFF:



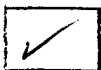
PLAT



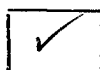
BOND



NEAREST  
WELL



LEASE



FIELD



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

No other well in Sec. 33 or Sec. 28.

Water permit 09-1499

Unit approved as per BLM

RDC Approved

CONFIDENTIAL

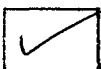
PERIOD

EXPIRED

ON 10-25-89

APPROVAL LETTER:

SPACING:

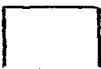


R615-2-3

Bannock  
UNIT



R615-3-2



CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-40361	
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NENW (685' FNL - 1520' FWL)		8. FARM OR LEASE NAME Bannock-Federal	
14. PERMIT NO.		9. WELL NO. 21-33	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4958' GL (graded)		10. FIELD AND POOL, OR WILDCAT Bannock (Wildcat)	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 33-38S-24E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Proposed Casing and Cementing Program changed as follows:

Size of Casing	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2	13-3/8	54.5#	80'	Redi-Mix to surface
12-1/4	9-5/8	36#	1940'	Cement to sfc.
8-3/4	5-1/2	15.5#	6420'	Single stage. TOC @ 5450'. Caliper log + 20% excess

Total Depth changed from 6250' to 6420'!

CONFIDENTIAL INFORMATION

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Regional Drilling Engineer

DATE

4/19/88

(This space for Federal or State office use)

APPROVED BY

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

RICHARD C. PERKINS  
184 North, 100 West  
Blanding, Utah 84515

MERIDIAN OIL INC.  
P. O. Box 1855  
Billings, MT 59103

This letter grants my consent for Meridian Oil, its sub-contractors, invitees and assigns to utilize as much water as is necessary from my water well located in the SW/4 of Section 7, Township 38 South, Range 25 East, during its drilling, completing, producing and abandoning operations relative to the Meridian Oil Inc. Bannock No. 21-33 Federal well located in the NW/4 of Section 33, Township 38 South, Range 24 East, San Juan County, Utah.

Executed this 23rd day of May, 1988.

  
Richard C. Perkins

  
Eve Lynn Perkins





# State of Utah

Division of State History

(Utah State Historical Society)

Department of Community and Economic Development

Norman H. Bangert  
Governor

Max J. Evans  
Director

300 Rio Grande  
Salt Lake City, Utah 84101-1182

10 May 1988

T.R. Tippeconic  
Area Director  
Attn: 305A  
Navajo Area Office  
Bureau of Indian Affairs  
P.O. Box M  
Window Rock, AZ 86515

RE: LPAC 87-337 Bannock 21-33 Well Site

In Reply Please Refer to Case No. K695/L009

Dear Mr. Tippeconic:

Following a telephone call from Mr. Bill Mitchell of Meridian Oil, the Utah State Historic Preservation Office has reviewed the two cases referenced above. It appears that we have created two individual files on this project, K695 and L009. It also appears that we did not return the signed copies of the BIA's Cultural Resources Compliance Form. We apologize for any inconvenience that these errors may have caused. This letter supersedes any previous SHPO correspondence.

Attached is the signed copy of the BIA Compliance Form. From the information provided, we are able to concur that sites 42Sa17626, 42Sa18205, 42Sa19918 and 42Sa19919 are all eligible for the National Register of Historic Places. We understand that the sites will be avoided by the undertaking and we can concur with a determination of no effect for this project.

The above is provided on request as outlined by 36 CFR 800 or Utah Code, Title 63-18-37. If you have questions or need additional assistance, please contact me at (801) 533-7039, or 533-6017.

Sincerely,

A. Kent Powell  
Deputy State Historic Preservation Officer

CMS:5503V/L010-L041 BIA/DOEx2 (42Sa19918 and 42Sa19919)/NE

cc: Meridian Oil, Inc., Attn: Bill Mitchell, 5613 DTC Parkway, Englewood, CO 80111

CULTURAL RESOURCES COMPLIANCE FORM  
DOI BUREAU OF INDIAN AFFAIRS  
NAVAJO AREA OFFICE  
P.O. BOX M  
WINDOW ROCK, ARIZONA 86515

ROUTING: COPIES TO NAO PROJECT NO. LPAC-87-237  
UT S.H.P.O. OTHER PROJECT NO.:  
X NAVAJO NATION LAC Report 87-153  
CULTURAL RESOURCE MANAGEMENT  
PROGRAM  
Shiprock AGENCY  
ENVIRONMENTAL DATA:  
See Report

PROJECT TITLE: An Archaeological Survey of Meridian Oil, Inc's  
Bannock 21-33 Well Site and Access Road, San Juan County, Utah

LAND STATUS/AGENCY: BIA  
FORM PREPARED BY: J. Chase, Ph. D.  
PROJECT ARCHEOLOGISTS: Patrick Harden

SPONSOR: Meridian Oil, Inc., 5613 DTC Parkway, Englewood,  
Colorado 80111

DATE INSPECTED: March 1988  
DATE OF REPORT: March 15, 1988  
TOTAL ACREAGE INSPECTED: 15 Acres  
METHOD OF INVESTIGATION: 15 meters wide transects

PROJECT LOCATION (LEGAL AND UTM): See report, San Juan County,  
Utah

PROJECT DESCRIPTION: Well site and access road

NO. OF CULTURAL RESOURCES FOUND: 4 sites  
FEDERAL ANTIQUITIES PERMIT NO.: None  
NAVAJO TRIBAL ANTIQUITIES PERMIT NO.: 1985-17, LPAC-87-337  
CONDITIONS OF CLEARANCE: Avoid all known sites

Notification to  
Proceed Approved: Yes ☒ No ☐  
Conditions Yes ☐ No ☐

Kathleen E. Gratz  
Kathleen E. Gratz  
Area Archeologist

3/30/88  
Date

Yes ☒

No ☐

Acting Assistant

Dloyd E. Espinoza  
Area Director

MAR 31 1988

Date

Concurred:

Yes ☒

No ☐

Alvin Lunt Pineda  
FOR:

S.H.P.O. Officer

4/22/88

Date



# State of Utah

Division of State History  
(Utah State Historical Society)

Department of Community and Economic Development

Norman H. Bangerter  
Governor

Max J. Evans  
Director

300 Rio Grande  
Salt Lake City, Utah 84101-1182

May 25, 1988

**RECEIVED**  
MAY 27 1988

**DIVISION OF  
OIL, GAS & MINING**

John R. Baza  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Application for Permit to Drill, Meridian Oil, Inc., Bannock Federal  
#21-33, Federal Lease U-40361

In Reply Please Refer to Case No. L009

Dear Mr. Baza:

The staff of the Utah State Historic Preservation Office reviewed the State Action form for the project referenced above. We have previously commented to the Bureau of Indian Affairs concerning this project, and a copy of our correspondence is attached. The State Historic Preservation Officer has concurred with determinations of eligibility for archeological sites in the project area, and we have also concurred with a determination of no effect as it has been indicated that these four sites will be avoided by this project.

The above is provided on request as outlined by 36 CFR 800 or Utah Code, Title 63-18-37. If you have questions or need additional assistance, please contact Charles Shepherd at (801) 533-7039, or 533-6017.

Sincerely,

A. Kent Powell  
Deputy State Historic  
Preservation Officer

CMS:L009/5535V OR

cc: Dale Davidson w/attachment  
cc: Chairperson, Resource Development Coordinating Committee, State Planning  
Office, 118 State Capitol, Salt Lake City, Utah 84114 - SAI #UT88513-080



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 3, 1988

Meridian Oil Inc.  
P. O. Box 1855  
Billings, Montana 59103

Gentlemen:

Re: Bannock-Federal 21-33 - NE NW Sec. 33, T. 38S, R. 24E  
685' FNL, 1520' FWL - San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations.

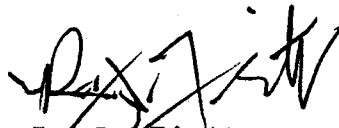
Page 2  
Meridian Oil Inc.  
Bannock-Federal 21-33  
June 3, 1988

A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31425.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

lr  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

RECEIVED  
JUN 23 1988

Orl.  
43-037-31425

June 20, 1988

DIVISION OF  
OIL, GAS & MINING

Division of Oil, Gas & Mining  
Attn: Lecia Romero  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Temporary Change Application #t88-09-1  
#21-33 Bannock Well

Dear Lecia:

Enclosed is a copy of the above referenced Temporary Change Application for your records and information. Please contact our office if you have any questions.

Sincerely,

Mark P. Page  
Area Engineer

Enclosure  
MPP/mjk

# APPLICATION FOR TEMPORARY CHANGE OF WATER

RECEIVED  
JUN 23 1988

RECEIVED

Rec. by \_\_\_\_\_

Fee Paid \$ \_\_\_\_\_

Receipt # \_\_\_\_\_

Microfilmed \_\_\_\_\_

Roll # \_\_\_\_\_

DIVISION OF  
OIL, GAS & MINING

STATE OF UTAH

WATER RIGHTS  
PRICE

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

\*WATER RIGHT NO. 09 - Area \_\_\_\_\_ \*APPLICATION NO. 1 88 - 09 - 1

Changes are proposed in (check those applicable)

\_\_\_\_\_ point of diversion. \_\_\_\_\_ place of use. \_\_\_\_\_ nature of use. \_\_\_\_\_ period of use.

## 1. OWNER INFORMATION

Name: Meridian Oil Company Attn: Suzann Nelson \*Interest: \_\_\_\_\_%

Address: P.O. Box 1855

City: Billings State: Montana Zip Code: 59103

2. \*PRIORITY OF CHANGE: \_\_\_\_\_ \*FILING DATE: \_\_\_\_\_

\*Is this change amendatory? (Yes/No): No

3. RIGHT EVIDENCED BY: 09-169 (A24863) Cert. No. 6249

Prior Approved Temporary Change Applications for this right: 84-09-13

\*\*\*\*\* HERETOFORE \*\*\*\*\*

4. QUANTITY OF WATER: 1.99 cfs and/or \_\_\_\_\_ ac-ft.

5. SOURCE: (4) Wells

6. COUNTY: San Juan

7. POINT(S) OF DIVERSION: 1) S. 305 ft. & W. 470 ft. from E $\frac{1}{4}$  Cor. Sec. 12, T38S, R24E;  
2) N. 1740 ft. & W. 1625 ft.; 3) N. 1655 ft. & W. 425 ft.; 4) N. 910 ft. & W. 230 ft.  
from S $\frac{1}{4}$  Cor. Sec. 7, T38S, R25E, SLB&M.

Description of Diverting Works: 1) 8"x506' 2) 8"x516' 3) 8"x496' 4) 8"x506'

## 8. POINT(S) OF REDIVERSION

The water has been rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

## 9. POINT(S) OF RETURN

The amount of water consumed is 1.99 cfs or \_\_\_\_\_ ac-ft.

The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water has been returned to the natural stream/source at a point(s): \_\_\_\_\_

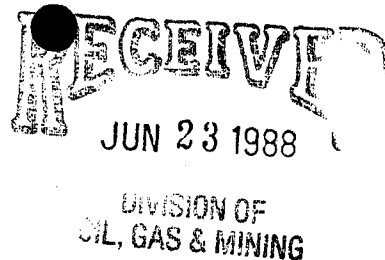
\*These items are to be completed by the Division of Water Rights.

Temporary Change



20. NATURE AND PERIOD OF USE

Irrigation: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Stockwatering: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Domestic: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Municipal: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Mining: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Power: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Other: From 6/25/88 to 10/1/88



21. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
 Stockwatering (number and kind): \_\_\_\_\_  
 Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
 Municipal (name): \_\_\_\_\_  
 Mining: \_\_\_\_\_ Mining District at the \_\_\_\_\_ Mine.  
 Ores mined: \_\_\_\_\_  
 Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Other (describe): Exploration Drilling Fluid - Oil and Gas well - 21-33 Bannock Well

22. PLACE OF USE

Legal description of place of use by 40 acre tract(s): NE $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 33, T38S, R24E, SLB&M.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

23. STORAGE

Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_  
 Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.  
 Height of dam: \_\_\_\_\_ feet.  
 Legal description of inundated area by 40 tract(s): \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary):  
21-33 Bannock Well: S. 685 ft. & E. 1520 ft. from NW Cor. Sec. 33, T38S, R24E, SLB&M.  
This Temporary Change Application comes from water right 09-169 in the name of  
H.C. Perkins Sheep Company, c/o Richard Perkins.

\*\*\*\*\*

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

*Richard Perkins*  
 Signature of Applicant(s) Sr. Operations Technician  
 MERIDIAN OIL INC.

STATE ENGINEER'S ENDORSEMENT

TEMPORARY CHANGE APPLICATION NUMBER: +88091

1. June 17, 1988            Change Application received by MP.
2. June 17, 1988            Application designated for APPROVAL by MP and MP.
3. Comments:


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Conditions:

This application is hereby APPROVED, dated June 20, 1988, subject to prior rights and this application will expire on October 1, 1988.



Mark Page, Area Engineer  
for  
Robert L. Morgan, State Engineer

# CONFIDENTIAL

LCR

Form 3163-3  
(November, 1983)  
(formerly 9-331C)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 27 1988

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> OIL, GAS & MINING PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-40361	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR MERIDIAN OIL INC.			7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103			8. FARM OR LEASE NAME Bannock-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NENW (685' FNL - 1520' FWL) At proposed prod. zone NENW (640' FNL - 2580' FWL)			9. WELL NO. 21-33	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles northwest of Hatch Trading Post			10. FIELD AND POOL, OR WILDCAT Bannock (Wildcat)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 685'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33-38S-24E	
16. NO. OF ACRES IN LEASE 2176.8			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -			19. PROPOSED DEPTH 6250'	
			20. ROTARY OR CABLE TOOLS Rotary	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED D. R. Hane TITLE Regional Drilling Engineer DATE 3/9/88

(This space for Federal or State office use)

PERMIT NO. 43-037-31425 APPROVAL DATE \_\_\_\_\_

APPROVED BY /s/Kenneth V. Rhea TITLE Acting District Manager DATE 6/23/88

CONDITIONS OF APPROVAL, IF ANY:

FLARING OR VENTING OF  
GAS IS SUBJECT OF NTL 4-A  
DATED 1/1/80

### CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGMI

Meridian Oil Inc.  
Well No. Bannock 21-33  
Sec. 33, T. 38 S., R. 24 E.  
San Juan County, Utah  
Lease U-40361

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Meridian Oil Inc., is the bonded entity on this application. Liability will remain with the bonded party named above until we are formally notified by letter of the new bonded entity in reference to this Application for Permit to Drill.

B. THIRTEEN-POINT SURFACE

1. All persons in the area who are associated with the project will be informed by the holder/operator that they will be subject to prosecution for disturbing archaeological sites or paleontological sites, or collecting artifacts or fossils.

Any cultural and/or paleontological resource discovered by the holder/operator, or any person working on his behalf, on public or federal land shall be immediately reported to the authorized officer (BLM-San Juan Resource Area Office (801) 587-2141). The holder/operator shall immediately suspend all operations in the area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder/operator will be responsible for the cost of evaluation of the discovery and of any required mitigation measures. Any decision as to proper mitigation measures will be made by the authorized officer after consulting with the holder/operator and other affected parties.

2. *Surface management stipulations developed by Bureau of Indian Affairs.*

Bureau of Indian Affairs  
Surface Management Stipulations  
To Be Included in APD

Company Meridian Oil

Well# Bannock # 21-33 685' FUL & 1520' FUL ☒

Date of Inspection 3/1/88

Provided by Carlos Salazar

STIPULATIONS CHECKED  
APPLY

1. All above ground structures and equipment will be painted with the following non-glare color.

<input checked="" type="checkbox"/> Brown	Fed. Standard	595a - 30318
<input type="checkbox"/> Green	Fed. Standard	595a - 34127
<input type="checkbox"/> Gray	Fed. Standard	595a - 36357
<input type="checkbox"/> Sand	Fed. Standard	595a - 30277
<input type="checkbox"/> Mobil Beige 12-F-38		

2. Compacted areas will be plowed or ripped to a depth of 12 to 16 inches before reseeding. Seed will be drilled to a depth of .5 to .75 inch or broadcast and followed by a drag or packer. If broadcast, the recommended seed mix will be applied at 150% of the recommended rate. The following seed mix will be used.

<u>SPECIES</u>	<u>lbs./acre/PLS</u>
Crested Wheatgrass.....	<u>4</u>
Slender Wheatgrass .....	
Smooth Brome .....	
Orchardgrass .....	
Yellow Sweetclover .....	
Sainfoin .....	
Western Wheatgrass .....	
Sand Dropseed .....	
Alkali Sacaton .....	<u>2</u>
Indian Ricegrass .....	
Galleta .....	
Needle-N-Thread .....	
Squirrel tail .....	
Side Oats Grama .....	
Four-Wing Saltbush.....	
Shadscale .....	<u>2</u>
Cliffrose .....	
Antelope Bitterbrush .....	
Timothy .....	
Winter-Fat .....	

(Purity x Germination = PLS)

3. The top \_\_\_\_\_ inches of soil will be salvaged, stockpiled, and stabilized on the \_\_\_\_\_ side/corner of the well pad and/or in the "L" corner of the well pad and reserve pit for use in revegetating the site.
4. Upon abandonment, the well pad will be fenced with a standard five-strand barb wire fence, or equivalent and will have no gates. The fence will be maintained for two years to allow for seeding establishment and will then be removed.

5. ☒ Access roads not needed for through traffic will be barricaded and reseeded in accordance with #2. Water bars will be constructed to the following specifications.

% Slope

Slope Distance

Less than 1%

300 feet

1% - 5%

200 feet

5% - 15%

100 feet

Greater than 15%

50 feet

6.      An earthen berm (     inches/feet high) will be constructed around the perimeter of the well pad, except on the high/cut side of the well pad.
7.      The reserve pit will be lined to prevent seepage from occurring.
8. ☒ The reserve pit will be constructed long and narrow (60x135 feet) so that the pit can be accommodated and any potential hazards reduced or eliminated.
9.      Immediately following drilling, the fluids of the reserve pit will be pumped and disposed of per BLM instructions. A sundry notice for this action is required by BLM.
10.      Diversion ditch (es) will be constructed on the      side of the well pad above/below (circle one) the cut slope diverting any runoff to the     .
11. ☒ The <sup>drainage</sup> ~~wash~~ (es) will be diverted around the N side of the well pad.
12. ☒ Culvert(s) of sufficient size will be placed on all drainage crossings of the access road determined necessary during the on-site inspection. Will be done only if well is a producer
13.      No production flowlines nor gas sales lines will be constructed until their right-of-ways/easements are inspected and approved by the surface management agency.
14. ☒ Any flowline (s) (surface/subsurface) will be constructed paralleling new and existing road right-of-ways, except
15. ☒ The top 8 inches of soil of any subsurface flowline constructed will be rolled/scraped to one side of the bladed line and will be disturbed as little as possible during the actual construction. Immediately following installation, the roll of topsoil salvaged will be redistributed over the bladed line and will be reseeded in accordance with item# 2. In addition to this, all areas disturbed (including the replaced topsoil) will be imprinted with a land imprinter or sheep's foot type roller to create a pattern of small depressions to enhance vegetative regrowth. All drainages crossed by these line (s) will be restored, as near as possible, to their original form. Water bars will be constructed in accordance with item# 5.
16. ☒ Fence (s) crossed by the access road will be braced and tied off before cutting of the wires to prevent slackening of the fencelines. Both a gate and cattleguard which must be BIA approved will be installed.

*Cattleguard dimensions width 8' length 16'*  
*Gate dimensions width 4' length 16'*

17. ☒ Storage tank (s) installed on the location will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the tank (s).
18. ☒ The stipulations set forth in the archeological clearance letter dated 3/10/88 will be strictly adhered to. Clearance No. LPAC-87-337  
LAC Report 87-153
19. ☒ Upon abandonment, all material brought in to plate the surface of the well pad and/or the access road will be cleaned up and disposed of prior to re-seeding.
20. ☐ The construction work conducted at this location will need to be inspected before the drill rig is moved on the location.

ALL CHANGES/DEVIATIONS MADE FROM THE APPROVED APD MUST BE CLEARED AND APPROVED BY THE SURFACE MANAGEMENT AGENCY. THE SURFACE MANAGEMENT AGENCY CAN BE CONTACTED AT (505) 368-~~4316~~.

4421 ex 345.

OTHER:



NOTIFICATIONS

Notify the San Juan Resource Area, at (801) 587-2144 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

1 day prior to running and cementing surface casing;

1 day prior to pressure testing of BOPE and/or surface casing.

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed:

Dale Manchester, Petroleum Engineer      Office Phone: (801) 259-6111

Home Phone: (801) 259-6239

Lynn Jackson, Chief, Branch of Fluid Minerals

Office Phone: (801) 259-6111

Home Phone: (801) 259-7990

Paul Brown, I&E Coordinator

Office Phone: (801) 259-6111

Home Phone: (801) 259-7018

24 hours advance notice is required for all abandonments.

# SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

JIMMIE WALKER  
Chairman

WILLIAM D. HOWELL  
Executive Director

P.O. Drawer A1 • Price, Utah 84501 • Telephone 632-5444

## CONFIDENTIAL

### AREAWIDE CLEARINGHOUSE A-95 REVIEW

NOI \_\_\_ Preapp \_\_\_ App \_\_\_ State Plan \_\_\_ State Action X Subdivision \_\_\_ (ASP # 6-525-3)

Other (indicate) \_\_\_\_\_ SAI Number UT880525-010

Applicant (Address, Phone Number):

Federal Funds:

Requested: \_\_\_\_\_

Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

*Meridian Oil Inc.*  
*43-037-31425-01. 21-33*

Title:

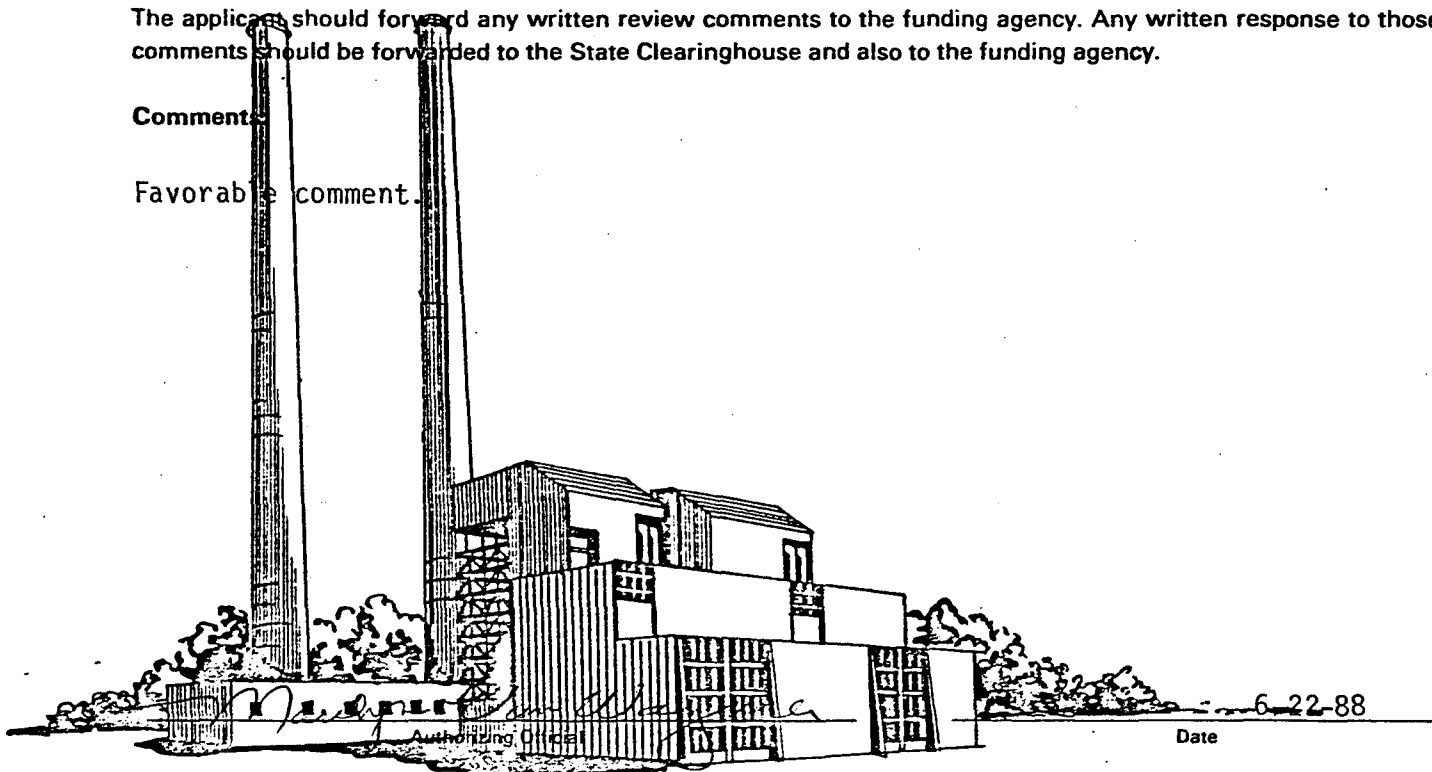
APPLICATION FOR PERMIT TO DRILL

- ☐ No comment
- ☒ See comments below
- ☐ No action taken because of insufficient information
- ☐ Please send your formal application to us for review. Your attendance is requested ☐

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearinghouse and also to the funding agency.

Comments:

Favorable comment.



REGIONAL CLEARINGHOUSE

# SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

JIMMIE WALKER  
Chairman

WILLIAM D. HOWELL  
Executive Director

P. O. Drawer A1 • Price, Utah 84501 • Telephone 637-5444

## AREAWIDE CLEARINGHOUSE A-95 REVIEW

NOI \_\_\_ Preapp \_\_\_ App \_\_\_ State Plan \_\_\_ State Action X Subdivision \_\_\_ (ASP # 5-511-11)

Other (indicate) \_\_\_\_\_ SAI Number UT880513-050

Applicant (Address, Phone Number):

Federal Funds:

Requested: \_\_\_\_\_

Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Title:

APPLICATION FOR PERMIT TO DRILL

*Meridian*

*Bannock Fed # 21-33*

*33-T385-24E*

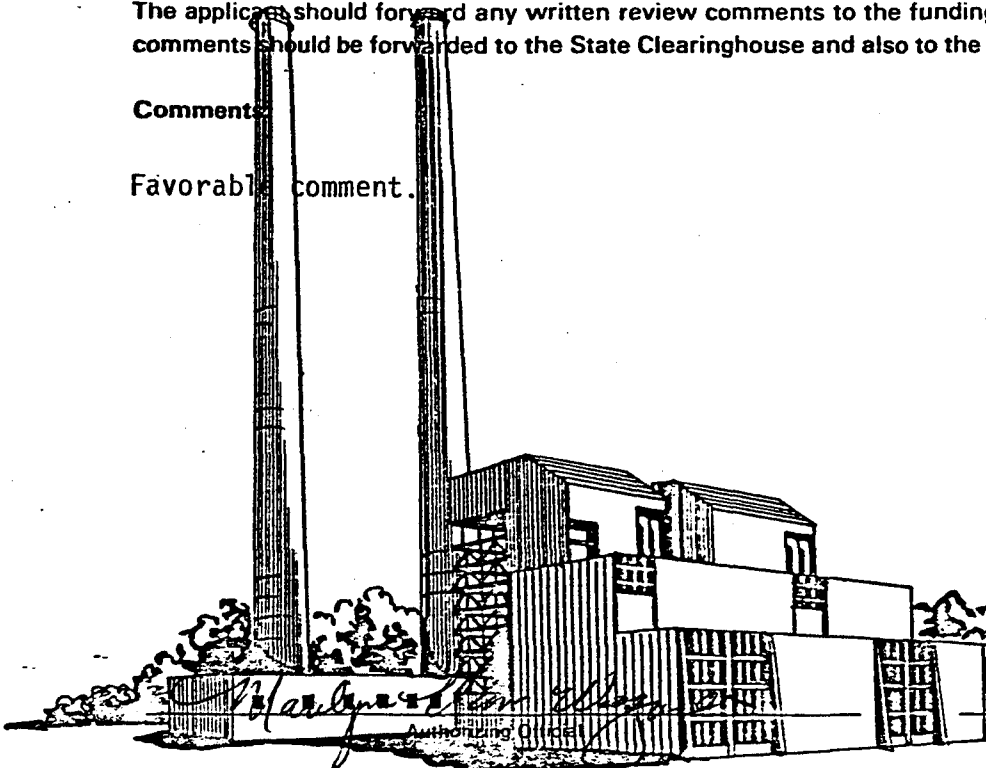
*San Juan Co.*

- ☐ No comment  
☒ See comments below  
☐ No action taken because of insufficient information  
☐ Please send your formal application to us for review. Your attendance is requested ☐

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearinghouse and also to the funding agency.

Comments:

Favorable comment.



5-25-88

Date

REGIONAL CLEARINGHOUSE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-40361	
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements. See also space 17 below.) At surface NENW (685' FNL - 1520' FWL)		8. LEASE OR LEASE NAME Bannock-Federal	
14. PERMIT NO. 43-037-31425		9. WELL NO. 21-33	
15. ELEVATIONS (Show whether DF, ST, OR, etc.) 4958' GL (graded)		10. FIELD AND POOL, OR WILDCAT Bannock (Wildcat)	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 33-38S-24E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANE	<input checked="" type="checkbox"/>		

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Proposed Casing Design changed as follows:

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Cement
17-1/2	13-3/8	54.5#	80'	Redi-Mix to surface
12-1/4	9-5/8	32.3 & 36#	3300'	Cement to surface
8-3/4	5-1/2	15.5#	6420'	Single stage. TOC @ 5450'. Caliper log + 20% excess

CONFIDENTIAL INFORMATION

18. I hereby certify that the foregoing is true and correct

SIGNED Steve Crandall TITLE Drilling Engineer DATE 6/28/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

DTS

WATER PERMIT  
09-AREA  
t-88-09-1

# CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

## SPODDING INFORMATION

API #43-037-31425

NAME OF COMPANY: MERIDIAN OIL

WELL NAME: BANNOCK 21-33

SECTION NE NW 33 TOWNSHIP 38S RANGE 24E COUNTY SAN JUAN

DRILLING CONTRACTOR AZTEC DRILLING

RIG # 24

SPODDED: DATE 7-15-88

TIME 4:00 PM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY Keith Muirhead

TELEPHONE # (406) 256-4000

DATE 7-15-88 SIGNED AWS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Use not use this form for proposals to drill or to deepen or plug back or otherwise construct or reconstruct wells.)  
Use APPLICATION FOR PERMIT-4 for such purposes.

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>RECEIVED</b> JUL 22 1988	5. LEASE DESIGNATION AND SERIAL NO. U-40361
2. NAME OF OPERATOR MERIDIAN OIL INC.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103			7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NENW (685' FNL - 1520' FWL)			8. FARM OR LEASE NAME Bannock-Federal
14. PERMIT NO. 43-037-31425		15. ELEVATIONS (Show whether SP, ST, CR, etc.) 4970' KB	9. WELL NO. 21-33
			10. FIELD AND POOL, OR WILDCAT Bannock (Wildcat)
			11. SEC., T., R., N., OR S.E., AND SURVEY OR AREA Section 33-38S-24E
			12. COUNTY OR PARISH San Juan
			13. STATE Utah

16. Check Appropriate-Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETS <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	Spud Report <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Aztec, Rig #124, spudded well @ 5:00 PM 7-15-88. Ran 13-3/8" casing, set @ 77'.  
Cemented w/90 sx.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Sr. Operations Technician DATE 7/19/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF MONTANA  
DIVISION OF OIL, GAS & MINING  
RECEIVED  
SEP 2 1988

OPERATOR MERIDIAN OIL INC.  
ADDRESS P. O. Box 1855  
Billings, MT 59103-1855

OPERATOR CODE N 7230  
PHONE NO. 406, 256-4122

DIVISION OF  
OIL, GAS & MINING

**CONFIDENTIAL**

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10923	4303731425	21-33 Bannock-Federal	NENW	33	38S	24E	San Juan	7-15-88	

COMMENTS: Federal lease Proposed Zone - Akah  
Field - Wildcat (only well in sec. 33. Assign new entity 10923 on 9-6-88) JCR  
Unit - Bannock

COMMENTS:

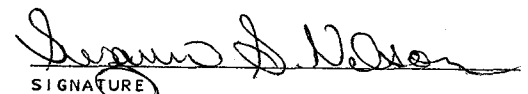
COMMENTS:

COMMENTS:

COMMENTS:

- ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL (SINGLE WELL ONLY)  
B - ADD NEW WELL TO EXISTING ENTITY (GROUP OR UNIT WELL)  
C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY,  
D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY  
E - OTHER (EXPLAIN IN COMMENTS SECTION)

(SEE INSTRUCTIONS ON BACK OF FORM)

  
SIGNATURE

Sr. Operations Technician 8/31/88

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>RECEIVED</b> SEP 20 1988 DIVISION OF OIL, GAS & MINING	5. LEASE DESIGNATION AND SERIAL NO. U-40361
2. NAME OF OPERATOR MERIDIAN OIL INC.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103			7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State Division of Oil, Gas & Mining. See also space 17 below.) At surface NENW (685' FNL - 1520' FWL)			8. FARM OR LEASE NAME Bannock-Federal
14. PERMIT NO. 43-037-31425		15. ELEVATIONS (Show whether OF, RT, OR, etc.) 4970' KB	9. WELL NO. 21-33
			10. FIELD AND POOL, OR WILDCAT Bannock ( Wildcat)
			11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 33-38S-24E
			12. COUNTY OR PARISH San Juan
			13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) Put on Production	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well started flowing @ 9:30 AM September 25, 1988.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED W. H. Brown TITLE Production Superintendent DATE 9/26/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-40361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT ASSIGNMENT NAME

N/A

8. FARM OR LEASE NAME

Bannock-Federal

9. WELL NO.

21-33

10. FIELD AND POOL, OR WILDCAT

Bannock (Wildcat)

11. SEC., T., R., M., OR B.L.E. AND  
SURVEY OR AREA

Section 33-38S-24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
MERIDIAN OIL INC.

3. ADDRESS OF OPERATOR

P. O. Box 1855, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements.  
See also space 17 below.)  
At surface

NENW (685' FNL - 1520' FWL)

14. PERMIT NO.

43-037-31425

15. ELEVATIONS (Show whether SP, RT, GR, etc.)

4970' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) First Gas Sales

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)

Well started selling gas to Western @ 11:00 AM 9-30-88.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED W. L. Brown

TITLE Production Superintendent

DATE 9/30/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

BLM (3), UOG&M (3)

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN **ICATE\***  
(See other instructions on reverse side)

Form approved. **3**  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

**1a. TYPE OF WELL:** OIL WELL ☒ GAS WELL ☐ DRILLING ☐ REPAIR ☐

**b. TYPE OF COMPLETION:** NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVENUE ☐

**2. NAME OF OPERATOR**  
Meridian Oil Inc.

**3. ADDRESS OF OPERATOR**  
P.O. Box 1855, Billings, MT 59103

**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\***  
At surface NENW (685' FNL - 1520' FWL) ✓  
At top prod. interval reported below NENW (708' FNL - 2562' FWL) ✓  
At total depth ~~NENW~~ (705' FNL - 2793' FWL) ✓

**14. PERMIT NO.** 43-037-31425 **DATE ISSUED** 3-9-88

**5. LEASE DESIGNATION AND SERIAL NO.** U-40361

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME** Navajo

**7. UNIT AGREEMENT NAME** Bannock

**8. FARM OR LEASE NAME** Bannock-Federal

**9. WELL NO.** 21-33

**10. FIELD AND POOL, OR WILDCAT** Bannock (Wildcat)

**11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA** Section 33-38S-24E

**12. COUNTY OR PARISH** San Juan **13. STATE** UT

**15. DATE SPUDDED** 7-15-88 **16. DATE T.D. REACHED** 8-14-88 **17. DATE COMPL. (Ready to prod.)** 9-25-88

**18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*** 4958' GL - 4970' KB **19. ELEV. CASINGHEAD** 4958'

**20. TOTAL DEPTH, MD & TVD** 6018' TVD 6378' MD ✓ **21. PLUG, BACK T.D., MD & TVD** 6254' MD

**22. IF MULTIPLE COMPL., HOW MANY\*** **23. INTERVALS DRILLED BY** **24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*** 5987'-6076' (MD), 5717'-5806' (TVD) Ismay

**25. WAS DIRECTIONAL SURVEY MADE** Yes

**26. TYPE ELECTRIC AND OTHER LOGS RUN** DLM/SFL, BHCS, LDCN, ACBL **27. WAS WELL CORRED** No

**28. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	3296'	12-1/4"	1120 SXS	---
5-1/2"	15.5#	6363'	8-3/4"	1041 SXS	---

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5969'	5903'

**31. PERFORATION RECORD (Interval, size and number)** 5987'-6076', 4" HSC, 4 JSPF

**32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5987'-6076'	5850 gal 15% HCL

**33. PRODUCTION**

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
9-25-88	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-4-88	24	16/64"	→	411	1333	0	3243

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
775		→	411	1333	0	39.8°

**34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)** Sold **TEST WITNESSED BY** D.E. Overgaard

**35. LIST OF ATTACHMENTS**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED D.E. Overgaard TITLE Regional Drilling Engineer DATE 11-2-88

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.														
Upper Ismay	5985'	6083'	<p>DST Times: 15. No Cushion. Rev Rec: 2560'. O&amp;HGM. Sample Chamber: 2100 cc volume, 250#, 1800 cc mud. Pressures: HP 2837, FP 1007-1063, SIP 1762. BHT: 135° F.</p> <table><tr><th colspan="2">OIL AND GAS</th></tr><tr><td>DRN</td><td>RJF</td></tr><tr><td>JRB</td><td>GLH</td></tr><tr><td>DTS</td><td>SLS</td></tr><tr><td>1-TAS</td><td></td></tr><tr><td>2-MICROFILM</td><td></td></tr><tr><td>3-FILE</td><td></td></tr></table>	OIL AND GAS		DRN	RJF	JRB	GLH	DTS	SLS	1-TAS		2-MICROFILM		3-FILE	
OIL AND GAS																	
DRN	RJF																
JRB	GLH																
DTS	SLS																
1-TAS																	
2-MICROFILM																	
3-FILE																	

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
U. Ismay Cycle	4914'		4830'
Top Porosity	5954'		5685'
Hovenweep	6000'		5722'
L. Ismay Cycle	6146'		5835'
Gothic Shale	6223'		5898'
Desert Creek Sh	6269'		5935'
Chimney Rock Sh	6361'		6007'

## PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File Barnack 3rd☒ Suspense☐ Other(Location) Sec 33 Twp 38S Rng 24E  
(API No.) 43-037-31425(Return Date) 2/1/89  
(To - Initials) W/S1. Date of Phone Call: 1/12/89 Time: 10:45 AM2. DOGM Employee (name) Arlene S. (Initiated Call ☐)  
Talked to:Name Douglas Harris (Initiated Call ☐) - Phone No. (406) 256-4025  
of (Company/Organization) Meridian Oil3. Topic of Conversation: Directional survey

4. Highlights of Conversation:

He will mail directional survey to us.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-40361
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NENW (685' FNL - 1520' FWL)		8. FARM OR LEASE NAME Bannock-Federal
14. PERMIT NO. 43-037-31425		9. WELL NO. 21-33
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 4970' KB		10. FIELD AND POOL, OR WILDCAT Bannock (Wildcat)
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33, T38S, R24E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

RECEIVED  
JAN 17 1989

DIVISION OF  
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Directional Surveys

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached are copies of the directional surveys for the above referenced well.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Sr. Operations Technician

DATE 1/13/89

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

BLM (3), UOG&M (3), File

\*See Instructions on Reverse Side

MERIDIAN OIL COMPANY  
ESI FINAL SURVEY RESULTS  
FOR  
BANNOCK FEDERAL 21-33

MERIDIAN OIL COMPANY  
BANNOCK FEDERAL 21-33

EV-EI-800  
07-22-

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	D L
0	N 0.0 E	0.00	0.00	0.00 N	0.00 E	0.00	0.
72	S 3.4 E	0.30	72.00	0.19 S	0.01 E	-0.10	0.
101	S 26.4 E	0.20	101.00	0.31 S	0.04 E	-0.18	0.
131	S 41.5 W	0.10	131.00	0.38 S	0.04 E	-0.22	0.
161	N 13.3 W	0.10	161.00	0.37 S	0.02 E	-0.19	0.
192	N 88.1 E	0.10	192.00	0.34 S	0.04 E	-0.20	0.
221	S 80.3 E	0.10	221.00	0.35 S	0.09 E	-0.25	0.
257	S 78.5 E	0.10	257.00	0.36 S	0.15 E	-0.31	0.
281	S 39.1 E	0.20	281.00	0.39 S	0.20 E	-0.36	0.
310	S 46.1 W	0.00	310.00	0.43 S	0.23 E	-0.41	0.
339	S 22.4 E	0.00	339.00	0.43 S	0.23 E	-0.41	0.
368	S 45.5 W	0.10	368.00	0.45 S	0.21 E	-0.40	0.
398	N 27.4 W	0.00	398.00	0.47 S	0.20 E	-0.40	0.
428	S 58.3 E	0.10	428.00	0.48 S	0.22 E	-0.42	0.
456	N 84.5 E	0.30	456.00	0.49 S	0.31 E	-0.51	0.
485	S 75.2 E	0.20	485.00	0.49 S	0.44 E	-0.62	0.
514	S 89.4 E	0.20	514.00	0.51 S	0.54 E	-0.71	0.
544	N 61.0 E	0.10	544.00	0.50 S	0.61 E	-0.77	0.
574	N 33.5 E	0.20	574.00	0.44 S	0.66 E	-0.79	0.
603	N 12.4 E	0.20	603.00	0.35 S	0.70 E	-0.78	0.
632	N 14.1 E	0.20	632.00	0.25 S	0.72 E	-0.76	0.
663	N 12.2 E	0.20	663.00	0.14 S	0.75 E	-0.73	0.
725	N 40.3 E	0.10	725.00	0.00 N	0.81 E	-0.71	0.
783	N 23.1 W	0.10	783.00	0.09 N	0.82 E	-0.68	0.
844	N 17.0 W	0.10	844.00	0.19 N	0.78 E	-0.60	0.
904	N 81.5 W	0.20	904.00	0.25 N	0.66 E	-0.46	0.
962	N 3.2 E	0.00	962.00	0.27 N	0.56 E	-0.37	0.
1029	S 51.1 W	0.20	1029.00	0.19 N	0.47 E	-0.32	0.
1089	N 60.0 W	0.10	1089.00	0.16 N	0.35 E	-0.23	0.
1145	S 20.4 E	0.10	1145.00	0.13 N	0.32 E	-0.22	0.
1209	N 15.2 E	0.10	1209.00	0.14 N	0.36 E	-0.25	0.
1271	N 29.1 W	0.10	1271.00	0.23 N	0.34 E	-0.19	0.
1330	N 74.2 W	0.30	1330.00	0.32 N	0.17 E	0.00	0.
1390	N 70.1 W	0.50	1389.99	0.45 N	0.23 W	0.42	0.
1451	N 54.1 W	0.70	1450.99	0.76 N	0.78 W	1.05	0.
1514	N 52.1 W	0.70	1513.99	1.23 N	1.39 W	1.81	0.
1576	N 65.5 W	0.80	1575.98	1.64 N	2.09 W	2.62	0.
1636	N 62.3 W	0.70	1635.98	1.98 N	2.79 W	3.40	0.
1695	N 63.3 W	0.70	1694.97	2.31 N	3.43 W	4.12	0.
1754	N 63.4 W	0.80	1753.97	2.66 N	4.12 W	4.89	0.

MERIDIAN OIL COMPANY  
WINOCK FEDERAL 21-33

EV-EI-800  
07-22-

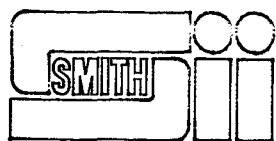
TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	D L
1811	N 61.4 W	0.90	1810.96	3.05 N	4.87 W	5.74	0.
1874	N 63.3 W	0.90	1873.95	3.51 N	5.75 W	6.73	0.
1934	N 63.5 W	0.90	1933.95	3.93 N	6.59 W	7.67	0.
1996	N 62.1 W	0.80	1995.94	4.35 N	7.41 W	8.59	0.
2057	N 67.5 W	0.80	2056.93	4.71 N	8.18 W	9.44	0.
2121	N 63.1 W	0.70	2120.93	5.06 N	8.94 W	10.27	0.
2183	N 63.1 W	0.70	2182.92	5.40 N	9.62 W	11.03	0.
2245	N 67.4 W	0.60	2244.92	5.70 N	10.25 W	11.73	0.
2303	N 59.1 W	0.60	2302.92	5.97 N	10.80 W	12.34	0.
2366	N 56.4 W	0.50	2365.91	6.29 N	11.31 W	12.94	0.
2427	N 46.5 W	0.40	2426.91	6.59 N	11.68 W	13.41	0.
2489	N 51.4 W	0.40	2488.91	6.87 N	12.01 W	13.83	0.
2550	N 57.7 W	0.30	2549.91	7.09 N	12.31 W	14.20	0.
2607	N 30.1 W	0.30	2606.91	7.30 N	12.51 W	14.48	0.
2667	N 82.2 W	0.50	2666.91	7.47 N	12.85 W	14.86	0.
2729	N 88.2 W	0.30	2728.90	7.51 N	13.28 W	15.26	0.
2790	N 62.4 W	0.10	2789.90	7.54 N	13.49 W	15.45	0.
2849	N 57.4 W	0.10	2848.90	7.59 N	13.58 W	15.55	0.
2912	N 85.0 W	0.20	2911.90	7.63 N	13.73 W	15.71	0.
2972	N 82.3 W	0.20	2971.90	7.66 N	13.94 W	15.90	0.
3034	N 78.4 W	0.10	3033.90	7.68 N	14.10 W	16.06	0.
3096	N 36.2 W	0.10	3095.90	7.74 N	14.19 W	16.16	0.
3156	N 7.4 W	0.00	3155.90	7.78 N	14.22 W	16.20	0.
3219	S 13.4 E	0.10	3218.90	7.72 N	14.20 W	16.17	0.
3282	N 85.2 E	0.10	3281.90	7.68 N	14.14 W	16.09	0.

THE DOGLEG SEVERITY IS IN DEGREES PER 100 FEET.  
THE VERTICAL SECTION WAS COMPUTED ALONG N 61.50 W

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE  
DISPLACEMENT IS 16.09 FEET, IN THE DIRECTION OF N 61.50 W



*Denver*



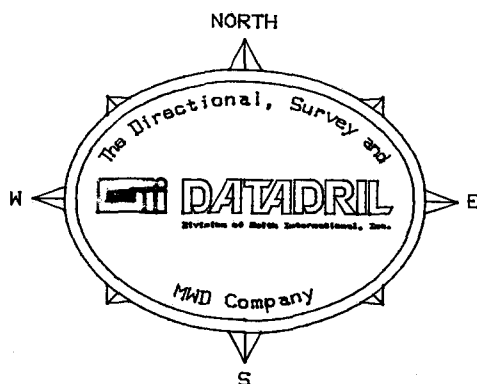
# DATA DRIL

Division of Smith International, Inc.

OPERATIONS DEPT. FILE COPY  
DO NOT REMOVE

## REPORT of DIRECTIONAL COMPLETION

MERIDIAN OIL INC.  
BANNOCK FEDERAL WILDCAT 21-33  
SAN JUAN COUNTY, UTAH  
SEC 33-T38S-R24E



19 AUG 1988 @ 12:04

MERIDIAN OIL INC.  
BANNOCK FEDERAL WILDCAT 21-33  
SAN JUAN COUNTY, UTAH  
SEC 33-T38S-R24E

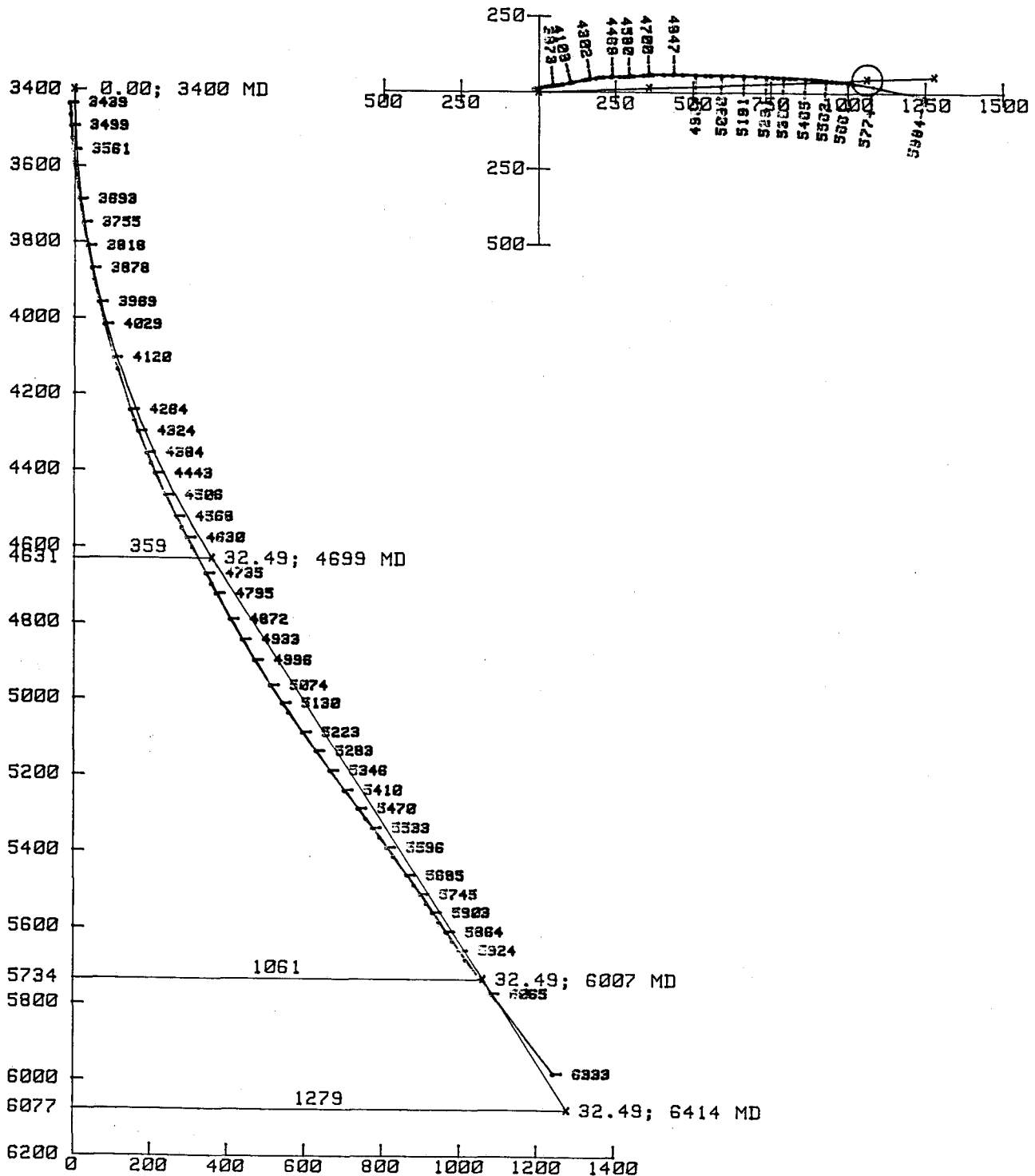


# DATA DRILL

Division of Smith International, Inc.

VERTICAL PLANE  
SCALE: 200 FEET/DIVISION

HORIZONTAL PLANE  
SCALE: 250 FEET/DIVISION



**Sii DATADRIL**  
Division of Smith International, Inc.

MERIDAN OIL, INC.  
BANNOCK FEDERAL 21-33  
SEC. 33 T38S R24E  
SAN JUAN COUNTY, UTAH

File Name: MBANN2133

**\*\*\* RECORD OF SURVEY \*\*\***

Calculated by Sii DATADRIL's C.A.D.D.S. System

Radius of Curvature Method

All Angles are Decimal

Vertical Section Plane: N 88.00 E

TYPE OF SURVEY	MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	DOGLEG SEVERITY (DEG/100')
	3282.00	.10	N 85.00 E	0.00	3281.90	7.61 N 14.23 W	-13.96	0.00
	3439.00	2.00	N 60.00 E	157.00	3438.87	8.47 N 11.51 W	-11.21	1.22
	3469.00	2.75	N 69.00 E	30.00	3468.84	9.00 N 10.39 W	-10.07	2.78
	3499.00	3.50	N 74.00 E	30.00	3498.80	9.52 N 8.84 W	-8.50	2.66
	3530.00	4.50	N 75.00 E	31.00	3529.72	10.10 N 6.75 W	-6.40	3.23
	3561.00	5.50	N 76.00 E	31.00	3560.60	10.78 N 4.14 W	-3.76	3.24
	3593.00	6.75	N 77.00 E	32.00	3592.42	11.57 N .82 W	-.41	3.92
	3693.00	9.50	N 83.00 E	100.00	3691.40	14.03 N 13.09 E	13.58	2.87
	3755.00	10.00	N 80.00 E	62.00	3752.51	15.58 N 23.48 E	24.01	1.15
	3818.00	10.25	N 82.00 E	63.00	3814.53	17.31 N 34.41 E	35.00	.68
	3878.00	11.25	N 85.00 E	60.00	3873.47	18.58 N 45.53 E	46.15	1.91
	3909.00	12.00	N 82.00 E	31.00	3903.84	19.28 N 51.74 E	52.38	3.11
	3969.00	13.25	N 82.00 E	60.00	3962.39	21.11 N 64.73 E	65.42	2.08
	4029.00	14.25	N 81.00 E	60.00	4020.67	23.22 N 78.83 E	79.59	1.71
	4120.00	16.25	N 76.00 E	91.00	4108.46	27.99 N 102.28 E	103.19	2.63
	4151.00	17.00	N 77.00 E	31.00	4138.16	30.06 N 110.90 E	111.88	2.59
	4264.00	19.00	N 78.00 E	113.00	4245.63	37.62 N 144.99 E	146.21	1.79
	4293.00	20.00	N 79.00 E	29.00	4272.96	39.54 N 154.47 E	155.76	3.64
	4324.00	20.75	N 81.00 E	31.00	4302.02	41.42 N 165.10 E	166.45	3.30
	4384.00	22.75	N 84.00 E	60.00	4357.75	44.32 N 187.14 E	188.58	3.81
	4414.00	23.50	N 84.00 E	30.00	4385.34	45.55 N 198.86 E	200.33	2.50

**Sii DATADRIL**  
Division of Smith International, Inc.

MERIDAN OIL, INC.  
BANNOCK FEDERAL 21-33

SEC. 33 T38S R24E  
SAN JUAN COUNTY, UTAH

TYPE OF SURVEY	MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	DOUBLE SEVERITY (DEG/100')
	4443.00	23.50	N 86.00 E	29.00	4411.93	46.56 N	210.38 E	211.88	2.75
	4506.00	25.00	N 89.00 E	63.00	4469.37	47.69 N	236.23 E	237.75	3.08
	4568.00	27.25	N 89.00 E	62.00	4525.03	48.16 N	263.52 E	265.04	3.63
	4600.00	27.50	N 88.00 E	32.00	4553.45	48.55 N	278.23 E	279.75	1.64
	4630.00	28.00	N 86.00 E	30.00	4580.00	49.28 N	292.18 E	293.72	3.52
	4659.00	28.75	N 86.00 E	29.00	4605.51	50.24 N	305.93 E	307.49	2.59
	4735.00	27.50	N 83.00 E	76.00	4672.54	53.68 N	341.58 E	343.25	2.48
	4766.00	27.50	N 86.00 E	31.00	4700.04	55.05 N	355.83 E	357.53	4.47
	4795.00	27.50	N 87.00 E	29.00	4725.76	55.87 N	369.20 E	370.92	1.59
	4872.00	29.20	S 89.00 E	77.00	4793.52	56.50 N	405.75 E	407.47	3.31
	4933.00	29.75	N 89.00 E	61.00	4846.63	56.50 N	435.76 E	437.46	1.85
	4996.00	30.90	S 89.00 E	63.00	4901.01	56.50 N	467.56 E	469.25	2.43
	5074.00	32.90	S 89.00 E	78.00	4967.22	55.78 N	508.77 E	510.41	2.56
	5130.00	34.25	S 89.00 E	56.00	5013.88	55.24 N	539.74 E	541.34	2.41
	5160.00	34.50	S 89.00 E	30.00	5038.64	54.95 N	556.67 E	558.25	.83
	5223.00	35.00	S 89.00 E	63.00	5090.40	54.32 N	592.58 E	594.11	.79
	5283.00	35.00	S 89.00 E	60.00	5139.55	53.72 N	626.99 E	628.48	0.00
	5346.00	35.50	S 88.00 E	63.00	5191.00	52.77 N	663.34 E	664.77	1.21
	5410.00	36.00	S 88.00 E	64.00	5242.94	51.46 N	700.70 E	702.07	.78
	5470.00	36.75	S 87.00 E	60.00	5291.25	49.91 N	736.25 E	737.55	1.59
	5503.00	37.00	S 87.00 E	33.00	5317.65	48.88 N	756.03 E	757.27	.76
	5533.00	37.00	S 87.00 E	30.00	5341.61	47.93 N	774.06 E	775.26	0.00
	5564.00	36.25	S 88.00 E	31.00	5366.49	47.12 N	792.53 E	793.70	3.09
	5596.00	36.00	S 88.00 E	32.00	5392.33	46.47 N	811.39 E	812.52	.78
	5626.00	35.50	S 88.00 E	30.00	5416.68	45.85 N	828.91 E	830.00	1.67
	5685.00	34.75	S 87.00 E	59.00	5464.94	44.37 N	862.82 E	863.84	1.60
	5716.00	35.00	S 86.00 E	31.00	5490.37	43.29 N	880.51 E	881.49	2.01
	5745.00	35.00	S 85.00 E	29.00	5514.12	41.99 N	897.09 E	898.01	1.98
	5774.00	34.50	S 86.00 E	29.00	5537.95	40.69 N	913.57 E	914.44	2.61
	5803.00	34.75	S 85.00 E	29.00	5561.82	39.40 N	930.00 E	930.81	2.14
	5832.00	34.75	S 83.00 E	29.00	5585.64	37.67 N	946.44 E	947.18	3.93
	5864.00	35.00	S 83.00 E	32.00	5611.90	35.44 N	964.60 E	965.25	.78
	5893.00	35.25	S 81.00 E	29.00	5635.62	33.12 N	981.12 E	981.68	4.06

**Sii DATADRIL**  
Division of Smith International, Inc.

MERIDAN OIL, INC.  
BANNOCK FEDERAL 21-33

SEC. 33 T38S R24E  
SAN JUAN COUNTY, UTAH

TYPE OF SURVEY	MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	DOBLEG SEVERITY (DEG/100')
	5924.00	35.50	S 81.00 E	31.00	5660.89	30.31 N 998.85 E	999.30	.81
	5954.00	35.50	S 81.00 E	30.00	5685.32	27.58 N 1016.05 E	1016.40	0.00
	6065.00	38.00	S 80.00 E	111.00	5774.25	16.62 N 1081.55 E	1081.47	2.32
	6333.00	39.25	S 78.00 E	268.00	5983.62	15.30 S 1245.76 E	1244.46	.66

BOTTOM HOLE CLOSURE: 1245.85 Feet at S 89.30 Degrees E

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. U-40361	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Meridian Oil Inc.		7. UNIT AGREEMENT NAME Bannock	
3. ADDRESS OF OPERATOR 1601 Lewis, Ste. 208, Billings, MT 59102		8. FARM OR LEASE NAME Bannock Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NENW (685' FNL - 1520' FWL) At proposed prod. zone NWNE (705' FNL - 2793' FWL)		9. WELL NO. 21-33	
14. API NO. 43-037-31425		10. FIELD AND POOL, OR WILDCAT Bannock	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4958' GL - 4970' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S/33-38S-24E	
12. COUNTY San Juan		13. STATE UT	

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**

### TEST WATER SHUT-OFF

## FRACTURE TREAT

**SHOOT OR ACIDIZE**

## REPAIR WELL

(Other)

**PULL OR ALTER CASING**

**MULTIPLE COMPLETE**

**ABANDON.**

## CHANGE PLANS

**SUBSEQUENT REPORT OF:**

### WATER SHUT-OFF

## FRACTURE TREATMENT

### SHOOTING OR ACIDIZING

(Other) Report of Flaring

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## REPAIRING WELL

## ALTERING CASINO

**ABANDONMENT\***

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

Subject well flared 605 MCF on the 4th and 5th of July due to Western Gas Plant having mechanical problems.

**CONFIDENTIAL**

70	
60	
50	
40	
30	
20	
10	
0	
MICROFILM	
70	

18. I hereby certify that the foregoing is true and correct.

**SIGNED**

TITLE Production Superintendent

DATE 7/17/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

**RECEIVED**  
OCT 02 1989

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
Meridian Oil Inc.

3. ADDRESS OF OPERATOR  
1601 Lewis, Ste. 208, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface NENW 685' FNL - 1520' FWL  
At proposed prod. zone

5. LEASE DESIGNATION & SERIAL NO.  
U-40361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Bannock Federal

9. WELL NO.  
21-33

10. FIELD AND POOL, OR WILDCAT  
Bannock (Wildcat)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 33-38S-24E

12. COUNTY  
San Juan

13. STATE  
UT

14. API NO.  
43-037-31425

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4970' KB

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐

PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

Notice of Flaring

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐  
ALTERING CASING ☐  
ABANDONMENT\* ☐

X

APPROX. DATE WORK WILL START

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

El Paso Plant was down for mechanical problems, causing Western Gas Processors' plant to go down. 1205 MCF was flared from the 21-33 Bannock Federal.

Verbal approval to flare was received from both the State of Utah & the BLM on Monday, September 25th.

Western's Gas Plant was back in operation at 0800 on 9/28/89.

**CONFIDENTIAL**

OIL AND GAS	
DRN	RJF
JRB ✓	GLH
DTS	SLS
TAS	
3- MICROFILM	
4- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED W. L. Braver

TITLE Production Superintendent

DATE 9/29/89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN  
MERIDIAN OIL INC  
PO BOX 3209  
ENGLEWOOD CO 80155-3209

UTAH ACCOUNT NUMBER: N7230

REPORT PERIOD (MONTH/YEAR): 7 / 96

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ ARABIAN FEDERAL #3			NESW ✓					
4303731287	10654	38S 24E 19	IS-DC			U 56186	Kachina Unit	
✓ HAVASU FEDERAL 12-19			SWNW ✓					
4303731457	10654	38S 24E 19	ISMY			U 56186	Kachina Unit	
✓ HAVASU FEDERAL 12-19A			SWNW ✓					
4303731459	10654	38S 24E 19	ISMY			U 56186	Kachina Unit	
✓ NAVAJO FEDERAL 42-5			SENE ✓					
4303731261	10655	39S 25E 5	ISMY			U 58728	Kira (Upper Mass.) Unit	
✓ NAVAJO FEDERAL 41-5			NENE ✓					
4303731358	10810	39S 25E 5	DSCR			U 57895	Kira / Non P.A.	
✓ INDIAN CREEK 14176 #1								
4301530091	10907	17S 06E 14	FRSD			U 15202	E. mtn. II Unit	(9-16-94 Invalidated)
→ NOCK-FEDERAL 21-33								
4303731425	10923	38S 24E 33	ISMY			U 40361	Bannock Unit	
TOTALS								

COMMENTS:

hereby certify that this report is true and complete to the best of my knowledge.

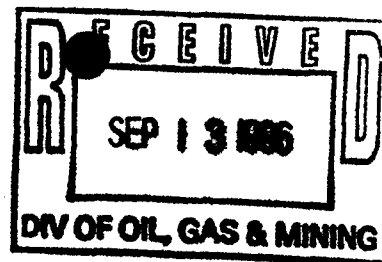
Date: \_\_\_\_\_

Time and Signature:

Telephone Number: \_\_\_\_\_



MERIDIAN OIL



September 10, 1996

State of Utah  
Division of Oil, Gas and Mining  
355 ~~1594~~ West North Temple  
Salt Lake City, UT 84180

Re: Name Change from Meridian Oil Inc. to  
**Burlington Resources Oil & Gas Co.**

Gentlemen:

Please be advised effective July 11, 1996 Meridian Oil Inc. changed their name and address to:

Burlington Resources Oil & Gas Co.  
3300 North "A" St., Bldg. 6  
Midland, TX 79710-1810

Please see the attached list of wells that Burlington Resources operates in the State of Utah. If you should have any questions, please contact me at (303) 930-9393 or after September 30th at (915) 688-6800.

Sincerely,

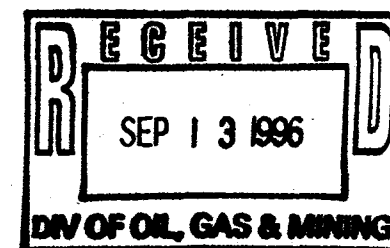
BURLINGTON RESOURCES OIL & GAS CO.

A handwritten signature in cursive script, appearing to read "Eileen Danni Dey".

Eileen Danni Dey  
Senior Regulatory Compliance Representative

Enclosure

FIELD	WELL NAME	WELL NO	FORMATION/POOL	COUNTY	OCATIO	SEC	TWN	RGE	API NUMBER	FEDERAL LEASE NUMBER	STATE CONTROL NO.
BANNOCK	BANNOCK FEDERAL	21-33	ISMAY	SAN JUAN	NENW	33	038S	024E	43-037-3142500	UTU60786A	10923
CEDAR MOUNTAIN	EAST CANYON UNIT	33-18	CEDAR MOUNTAIN	GRAND	NWSE	18	016S	025E	43-019-1620300	UTU05059	9515
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	13-35	FERRON	EMERY	NWSW	35	016S	006E	43-015-3023000	57287U6920	10789
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	32-23	FERRON	EMERY	SWNE	23	016S	006E	43-015-3023100	57287U6920	11075
FERRON	INDIAN CREEK UNIT	1	FERRON	EMERY	SWNW	02	017S	006E	43-015-3008200	57287U6920	02585
FERRON	INDIAN CREEK UNIT	3	FERRON	EMERY	SWSW	02	017S	006E	43-015-3107500	57287U6920	02585
FERRON	INDIAN CREEK UNIT 10176	5	FERRON	EMERY	SENE	10	017S	006E	43-015-3011700	57287U6920	02585
FERRON	INDIAN CREEK UNIT 14176	2	FERRON	EMERY	SWNE	14	017S	006E	43-015-3009100	UTU15202	10907
KACHINA	ARABIAN FEDERAL (WIW)	2	ISMAY	SAN JUAN	NWSW	19	038S	024E	43-037-3128200	UTU56186	10654
KACHINA	ARABIAN FEDERAL	3	ISMAY	SAN JUAN	NESW	19	038S	024E	43-037-3128700	UTU56186	10654
KACHINA	HAVASU FEDERAL (WIW)	11-19	UPPER ISMAY	SAN JUAN	NWNW	19	038S	024E	43-037-3145800	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19	UPPER ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145700	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19A	ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145900	UTU56186	10654
KACHINA	HAVASU FEDERAL	22-19	UPPER ISMAY	SAN JUAN	SENE	19	038S	024E	43-037-3127800	UTU56186	10654
KACHINA	HAVASU FEDERAL	41-24	UPPER ISMAY	SAN JUAN	NENE	24	038S	023E	43-037-3127900	UTU20895	10654
KACHINA	HAVASU FEDERAL (WIW)	42-24	UPPER ISMAY	SAN JUAN	SENE	24	038S	023E	43-037-3129800	UTU20895	10654
KACHINA	WASH UNIT (WSEW)	2	CUTLER	SAN JUAN	SESE	13	038S	023E	43-037-3132400	UTU20894	10654
KIVA (DESERT CREEK)	NAVAJO FEDERAL	41-5	DESERT CREEK	SAN JUAN	NENE	05	039S	025E	43-037-3542100	UTU57895	10810
KIVA (UPPER ISMAY)	KIVA FEDERAL	24-4	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3174500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	12-4	ISMAY	SAN JUAN	SWNW	04	039S	025E	43-037-3139500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	14-4	ISMAY	SAN JUAN	SWSW	04	039S	025E	43-037-3132100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	21-9	ISMAY	SAN JUAN	NENW	09	039S	025E	43-037-3126700	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	23-4	UPPER ISMAY	SAN JUAN	NESW	04	039S	025E	43-037-3125900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-2	ISMAY	SAN JUAN	SWSE	04	039S	025E	43-037-3116100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-4	ISMAY	SAN JUAN	NWSW	04	039S	025E	43-037-3117900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	42-5	UPPER ISMAY	SAN JUAN	SENE	05	039S	025E	43-037-3126100	83687U6890	10655
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WSEW)	42-9	WINGATE/CUTLER	SAN JUAN	SENE	09	039S	025E	43-037-3126300	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	9-1	UPPER ISMAY	SAN JUAN	NWNE	09	039S	025E	43-037-3100100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	4-1	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3111200	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	43-5	ISMAY	SAN JUAN	NWSW	05	039S	025E	43-037-3131700	83687U6890	09975
LION MESA	HATCH POINT FEDERAL	27-1A	CANE CREEK	SAN JUAN	NESW	27	027S	021E	43-037-3051800	8910184250	02815

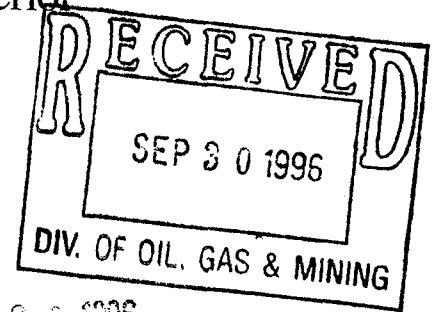




# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To  
3100  
SL-071010C  
(UT-932)

SEP 28 1996

### NOTICE

Burlington Resources Oil & Gas Company	:	Oil and Gas
801 Cherry Street, Suite 900	:	SL-071010C
Fort Worth, Texas 76102	:	

#### Corporate Name Change Recognized

Acceptable evidence has been filed in this office concerning the corporate name change from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

For our purposes, the name change is recognized effective July 12, 1996, the date the Secretary of State of Delaware certified the name change.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to Bond No. 400IA9059 (BLM Bond No. MT0719) has been accepted by the Montana State office as of September 16, 1996, its date of receipt. The rider changed the name on the bond from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

### ROBERT LOPEZ

Robert Lopez  
Group Leader,  
Minerals Adjudication Group

Enclosure  
Exhibit (1 p)

cc: MMS, Data Management Division, P.O. Box 5860, MS 3113, Denver, Colorado 80217  
Moab District Office  
Vernal District Office

bc: State of Utah, ATTN: Lisha Cordova, Division of Oil, Gas and Mining, P.O. Box 145801,  
Salt Lake City, Utah 84114-5801  
Teresa Thompson (UT-931)  
Irene Anderson (UT-932)

Exhibit of Leases Affected

SL-071010C	U-8894A	U-40751	U-61752
SL-071595	U-8895A	U-45051	U-62143
U-0681	U-8897A	U-45929	U-62190
U-0683	U-15202	U-46825	U-63181
U-0684	U-15203	U-51045	UTU-64930
U-0685	U-15204	U-51046	UTU-64931
U-0719	U-16962A	U-51047	UTU-65329
U-0725	U-17024	U-52333	UTU-65607
U-0737	U-17623	U-56186	UTU-65750
U-0741	U-19281	U-56932	UTU-65751
U-0744	U-20016	U-56933	UTU-65868 (ROW)
U-03333	U-20895	U-56934	UTU-65940
U-04049	U-24606	U-57895	UTU-65943
U-04049A	U-39832	U-58728	UTU-66025
U-05059	U-40361	U-60428	UTU-66487
U-08107	U-40440	U-60520	UTU-66584
U-062420	U-40544 (ROW)	U-61556	UTU-66708
UTU-66830	UTU-66831	UTU-67565	UTU-67568
UTU-67569	UTU-67570	UTU-68232	UTU-68664
UTU-68676	UTU-69434	UTU-70115 (ROW)	UTU-70196
UTU-72660	U-60786X (Bannock Unit)	U-63089X (East Mountain Unit)	

# **OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLD	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed, effective: 7-11-96

TO: (new operator) BURLINGTON RESOURCES O&G CO.

(address) 3300 N "A" ST BLDG 6

MIDLAND TX 79710-1810

EILEEN DANNI DEY

Phone: (915)688-6800

Account no. N7670

FROM: (old operator) MERIDIAN OIL INC

(address) PO BOX 3209

ENGLEWOOD CO 80155-3209

EILEEN DANNI DEY

Phone: (303)930-9393

Account no. N7230

WELL(S) attach additional page if needed:

**\*KACHINA, KIVA, EAST MOUNTAIN, BANNOCK UNIT'S**

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## **OPERATOR CHANGE DOCUMENTATION**

- 1 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 9-13-96)
- 2 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 9-13-96)
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #096593. (Eff. 1-29-87)
- 4 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (i.e. WIC Program) (10-3-96)
- 6 6. Cardex file has been updated for each well listed above. (10-3-96)
- 7 7. Well file labels have been updated for each well listed above. (10-3-96)
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (10-3-96)
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Lee 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY) #961002 "Rider" 80,000 to Burlington rec'd by Trust Lands Admin.

- Lee 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 12-27-96. If yes, division response was made to this request by letter dated 12-27-96.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on 11/4/96 to OTIS at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

## FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 12-27-96.

## FILING

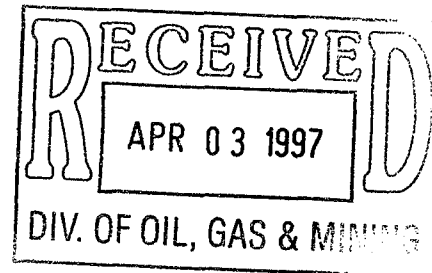
1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

# **MERIT ENERGY COMPANY**

---

12222 MERIT DRIVE, SUITE 1500  
DALLAS, TEXAS 75251  
(972) 701-8377  
(972) 960-1252 Fax



**April 2, 1997**

**Utah Division of Oil, Gas and Mining  
Attn: Ms. Lisha Cordova  
1594 West North Temple  
Suite 1210  
Salt Lake City, Utah 84114**

**RE: Change of Operator to Merit Energy Company  
Emery and San Juan County**

**Dear Ms. Cordova:**

**Enclosed please find a copy of Form 3160 executed by both parties, Merit Energy and Burlington Resources.**

**If additional information or forms are required to process this transaction, please contact me at 972-701-8377.**

**Yours very truly,  
MERIT ENERGY COMPANY**

  
**Martha J. Rogers  
Manager, Regulatory Affairs**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2. Name of Operator

MERIT ENERGY COMPANY

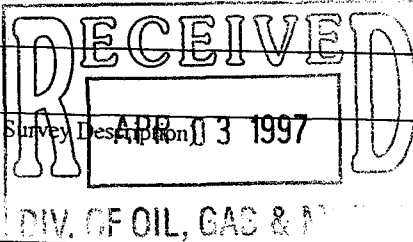
3. Address and Telephone No (972) 701-8377

12222 MERIT DRIVE, DALLAS, TX 75251

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 13 1997

685' FNL - 1520' FWL, NENW

33 038S 024E, SLM



5. Lease Designation and Serial No.  
UTU60786A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
60786A

8. Well Name and No.  
BANNOCK FEDERAL 21-33

9. API Well No.  
43,037,3142500

10. Field and Pool, or Exploratory Area  
BANNOCK, ISMAY

11. County or Parish, State  
SAN JUAN, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF  
OPERATOR

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

EFFECTIVE AS OF JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE PRIOR OPERATOR OF RECORD, TRANSFERRED ALL RIGHT, TITLE AND INTEREST IN THE BANNOCK FEDERAL 21-33 WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251. ON APRIL 1, 1997, MERIT ENERGY COMPANY, THE GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS AND IS CONSIDERED TO BE THE OPERATOR OF SAID WELL AS OF THAT DATE.

MERIT ENERGY COMPANY IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED UPON THE LEASED LANDS. BOND COVERAGE IN THE AMOUNT OF \$150,000 FOR MERIT ENERGY COMPANY IS PROVIDED UNDER BLM BOND NO. WY3011, IN FAVOR OF THE BUREAU OF LAND MANAGEMENT, U. S. DEPARTMENT OF THE INTERIOR.

14. I hereby certify that the foregoing is true and correct.

Signed

Martha Rogers

Title

Manager, Regulatory Affairs

Date

March 31, 1997

(This space for Federal or State office use)

Approved By

Title

Date

Condition of Approval, If any:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals.

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address and Telephone No (915)688-6800

P. O. BOX 51810, MIDLAND, TX 79710-1810

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

685' FNL - 1520' FWL, NENW

33 038S 024E, SLM

5. Lease Designation and Serial No.  
UTU60786A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
60786A

8. Well Name and No.  
BANNOCK FEDERAL 21-33

9. API Well No.  
43,037,3142500

10. Field and Pool, or Exploratory Area  
BANNOCK, ISMAY

11. County or Parish, State  
SAN JUAN, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut-Off

☐ Final Abandonment Notice

☐ Altering Casing

☐ Conversion to Injection

☒ Other CHANGE OF  
OPERATOR

☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

EFFECTIVE JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE OPERATOR OF RECORD OF THE BANNOCK FEDERAL 21-33 WELL, TRANSFERRED ALL OF ITS RIGHT, TITLE AND INTEREST IN SAID WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251.

ON APRIL 1, 1997, MERIT ENERGY COMPANY, GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS.

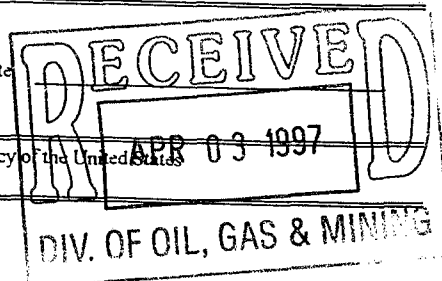
14. I hereby certify that the foregoing is true and correct.

Signed Kent Beers Title Attorney-in-Fact Date March 31, 1997

(This space for Federal or State office use)

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Condition of Approval, If any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.



## CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 13-35	35 016S 006E	ML-27626	GAS WELL	43,015,3023000	UT060P49-87U69	57287U6920	025 <i>u56933</i>
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 32-23	23 016S 006E		GAS WELL	43,015,3023100	UT060P49-87U69	57287U6920	025 <i>u17624</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 021762 3	02 017S 006E	ML-27626	GAS WELL	43,015,3017500		57287U6920	025 <i>u15204</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 1	02 017S 006E	ML-27626	GAS WELL	43,015,3008200		57287U6920	025 <i>ML-27626</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 10176 5	10 017S 006E	ML-27626	GAS WELL	43,015,3011700		57287U6920	025 <i>u15203</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 14176 1	14 017S 006E	UTU15202	GAS WELL	43,015,3009100		UTU15202	109 <i>u15202</i>
SAN JUAN	BANNOCK ,ISMAY	BANNOCK FEDERAL 21-33	33 038S 024E	UTU60786	OIL WELL	43,037,3142500	60786A	UTU60786A	109 <i>u40361</i>
SAN JUAN	KACHINA ,CUTLER	WASH UNIT 2	13 038S 023E	UTU20894	WATER SOURCE	43,037,3132400		UTU20894	106 <i>u20894 (To Water Rights 4-7-97)</i>
SAN JUAN	KACHINA ,ISMAY	ARABIAN FEDERAL 2	19 038S 024E	UTU56186	WATER INJECTED	43,037,3128200		UTU56186	106 <i>u56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 11-19	19 038S 024E	UTU56186	WATER INJECTED	43,037,3145800		UTU56186	106 <i>u56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19	19 038S 024E	UTU56186	OIL WELL	43,037,3145700		UTU56186	106 <i>u56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19A	19 038S 024E	UTU56186	OIL WELL	43,037,3145900		UTU56186	106 <i>u56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 22-19	19 038S 024E	UTU56186	OIL WELL	43,037,3127800		UTU56186	106 <i>u56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 41-24	24 038S 023E	UTU20895	OIL WELL	43,037,3127900		UTU20895	106 <i>u20895</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 42-24	24 038S 023E	UTU20895	WATER INJECTED	43,037,3129800		UTU20895	106 <i>u20895</i>



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-931

April 28, 1998

Merit Energy Company  
12222 Merit Drive, Suite 1500  
Dallas, Texas 75251

Re: Bannock Unit  
San Juan County, Utah

Gentlemen:

We received an indenture dated April 1, 1997, whereby Burlington Resources Oil & Gas Company resigned as Unit Operator and Merit Energy Company was designated as Successor Unit Operator for the Bannock Unit, San Juan County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 28, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Bannock Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 3011 will be used to cover all operations within the Bannock Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Bannock Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:4/28/98

## OPERATOR CHANGE WORKSHEET

1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FIE
5-JRB	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 4-1-97

TO: (new operator) MERIT ENERGY COMPANY  
(address) 12222 MERIT DR STE 1500  
DALLAS TX 75251

FROM: (old operator)  
(address)

BURLINGTON RESOURCES O&G  
3300 N A ST BLDG 6  
MIDLAND TX 79710-1810

Phone: (972)383-6511  
Account no. N4900

Phone: (915)688-6800  
Account no. N7670

**\*BANNOCK UNIT**

WELL(S) attach additional page if needed:

Name: <u>BANNOCK-FED 21-33/ISMY</u>	API: <u>43-037-31425</u>	Entity: <u>10923</u>	S	<u>33</u>	T	<u>38S</u>	R	<u>24E</u>	Lease: <u>U40361</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (lec'd 4-3-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (lec'd 4-3-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state**? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (4-29-98)
- lec 6. **Cardex** file has been updated for each well listed above. (4-30-98)
- lec 7. Well **file labels** have been updated for each well listed above. (4-30-98)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (4-29-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

## ENTITY REVIEW

- See 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*This is the only unit well; entity 10923 Ismay A P.A.*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A/see 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no)   , as of today's date   . If yes, division response was made to this request by letter dated   .

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A/see 1. Copies of documents have been sent on    to    at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/see 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated    19   , of their responsibility to notify all interest owners of this change.

## FILMING

1. All attachments to this form have been **microfilmed**. Today's date:   .

## FILING

- CHD 1. Copies of all attachments to this form have been filed in each **well file**.
- CHD 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

## COMMENTS

980429 BLM/SL Apr. 4-28-98.

Form 1160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

## SUNDRY NOTICE - See instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-40361
2. Name of Operator Merit Energy Company		6. If Indian, Allottee or Tribe Name
3a. Address 12222 Merit Dr., Suite 1500, Dallas, TX. 75251	3b. Phone No. (include area code) 972-701-8377	7. If Unit or CA/Agreement, Name and/or No. UTU80786A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 685' FNL & 1520' FWL (NE NW) Section 33-38S-24E		8. Well Name and No. Bannock Federal #21-33
		9. API Well No. 43-037-31425
		10. Field and Pool, or Exploratory Area Bannock; Ismay
		11. County or Parish, State San Juan County, Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change of Operator
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Merit Energy Company advises, effective SEPT. 30, 2000, Journey Operating, L.L.C. will become the operator of the subject well.

Journey Operating, L.L.C. hereby accepts the operatorship of this well. Journey Operating, L.L.C. will be responsible under the terms and conditions of the lease(s) for the operations conducted on the leased lands or portions thereof. Journey Operating, L.L.C. bond coverage is provided under Bond No. RCB 0003487

Journey Operating, L.L.C.  
1201 Louisiana, Suite 1040  
Houston, TX. 77002  
(713) 655-0595

Mailed Designation of  
Oper. mailed 1/18/01

By: Brian A. Baer  
Brian A. Baer, President

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Arlene Valliquette	Title Manager - Regulatory Affairs
Signature <u>Arlene Valliquette</u>	Date 9/29/00
Approved by	Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

(Instructions on reverse)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

N REPLY REFER TO  
UT-931

January 22, 2001

Journey Operating, LLC  
Louisiana Place  
1201 Louisiana Street  
Houston, Texas 77002

Re: Bannock Unit  
San Juan County, Utah

Gentlemen:

On January 22, 2001, we received an indenture dated September 30, 2000 whereby Merit Energy Company resigned as Unit Operator and Journey Operating, LLC was designated as Successor Unit Operator for the Bannock Unit, San Juan County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 22, 2001. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Bannock Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 3354 will be used to cover all operations within the Bannock Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Bannock Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:1/22/01

## Results of query for MMS Account Number UTU60786A

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quarter	Field Name	P
4303731425	MERIT ENERGY COMPANY	21-33 BANNOCK-FEDERA	POW	UTU40361	UTU60786A	38S	24E	33	NENW	BANNOCK	IS

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*



## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH		4-KAS ✓
2. CDW		5- <del>77</del> ✓
3. JLT		6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **09/30/2000**

<b>FROM:</b> (Old Operator):
MERIT ENERGY COMPANY
Address: 12222 MERIT DR. STE 1500
DALLAS, TX 75251
Phone: 1-(972)-701-8377
Account No. N4900

CA No.

<b>TO:</b> ( New Operator):
JOURNEY OPERATING LLC
Address: 1201 LOUISIANA STE 1040
HOUSTON, TX 77002
Phone: 1-(713)-655-0595
Account No. N1435

Unit: **BANNOCK****WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BANNOCK FEDERAL 21-33	43-037-31425	10923	33-38S-24E	FEDERAL	OW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/06/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 02/06/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 02/06/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 4822566-0161
5. If **NO**, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/22/2001

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 01/22/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Prog:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 02/06/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/06/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond No: \_\_\_\_\_
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 01/31/2001

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 2-21-01

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**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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**COMMENTS:**

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Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:						<b>6/9/2006</b>	
<b>FROM: (Old Operator):</b> N1435-Journey Operating, LLC 201 Louisiana, Suite 1040 Houston, TX 77002 Phone: 1 (713) 655-0595				<b>TO: ( New Operator):</b> N0265-Citation Oil & Gas Corp 8223 Willow Place South Houston, TX 77070 Phone: 1 (281) 517-7800			
<b>CA No.</b>		<b>Unit:</b>		<b>BANNOCK</b>			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE
BANNOCK-FED 21-33	33	380S	240E	4303731425	10923	Federal	OW
<b>WELL STATUS</b>							
P							

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/23/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/23/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: \_\_\_\_\_
4. Is the new operator registered in the State of Utah: YES Business Number: 793304-0143
- 6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 7/6/2006 BIA
8. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 7/6/2006
9. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/30/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 7/31/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/31/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 7/31/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 104061650
2. Indian well(s) covered by Bond Number: 104061656

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
2. NAME OF OPERATOR: Journey Operating, L.L.C. <span style="float:right">N 1435</span>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 
3. ADDRESS OF OPERATOR: 1201 Louisiana, Suite 1040 <span style="float:right">Houston TX 77002</span>		7. UNIT or CA AGREEMENT NAME: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER: See Attached List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: See Attach
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: See Attached List
STATE: UTAH		

### CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

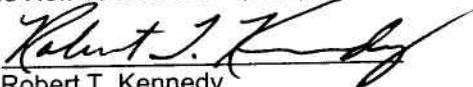
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Journey Operating, L.L.C. advises, effective June 9, 2006, Citation Oil & Gas Corp. will become the operator of the wells on the attached list.

Citation Oil & Gas Corp. (N0265)  
8223 Willow Place South  
Houston, TX 77070  
(281) 517-7800  
Bond No.: 104325628 - \$120,000

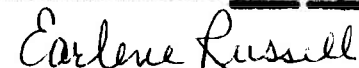
BLM BOND = 104061650  
BIA BOND = 104061656

By:   
Robert T. Kennedy  
Sr. Vice President Land

NAME (PLEASE PRINT) <u>Brian A. Baer</u>	TITLE <u>President</u>
SIGNATURE <u>Brian A. Baer</u>	DATE <u>6/9/2006</u>

(This space for State use only)

**APPROVED** 7/13/2006

  
**Earlene Russell**  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

Instructions on Reverse Side)

**RECEIVED**

**JUN 23 2006**

DIV. OF OIL, GAS & MINING



## RICHARDSON OPERATING COMPANY

4725 S. Monaco Street, Suite 200  
Denver, Colorado 80237  
(303) 830-8000 Fax (303) 830-8009

RECEIVED

AUG 02 2013

DIV. OF OIL, GAS & MINING

July 29, 2013

Attn: Zeke Clements  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Sundry Notices and Reports on Wells - Change of Operator and Transfers of Authority to Inject

Dear Zeke:

Enclosed for approval by the Utah Division of Oil, Gas and Mining, please find two originally executed Sundry Notices and Reports on Wells on Form 9, for the following 18 leases and wells (API # included):

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20894	Wash Unit 2	43-037-31324 ✓
UTU-20895	Havasu-Federal 41-24	43-037-31279 ✓
UTU-20895	Havasu-Federal 42-24	43-037-31298 ✓
UTU-40361	Bannock -Fed 21-33	43-037-31425 ✓
UTU-52333	24-4 Kiva Federal	43-037-31745 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-52333	Navajo Federal 4-2	43-037-31161 ✓
UTU-52333	Navajo Federal 42-9	43-037-31263 ✓
UTU-52333	Navajo Federal 4-4	43-037-31179 ✓
UTU-52333	Navajo Federal 9-1	43-037-31001 ✓
UTU-56185	Arabian Federal 3	43-037-31287 ✓
UTU-56186	Havasu-Federal 11-19	43-037-31458 ✓
UTU-56186	Havasu-Federal 22-19	43-037-31278 ✓
UTU-58728	Navajo Federal 42-5	43-037-31261 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

APPROVED

AUG 19 2013

DIV. OIL GAS & MINING  
BY: Raehee Medina

Also enclosed for the approval by the Utah Division of Oil, Gas and Mining, please find one originally executed Transfer of Authority to Inject on Form UIC Form 5 for the following seven wells:

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20895	Havasufederal 42-24	43-037-31298 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-56186	Havasufederal 11-19	43-037-31458 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

Please return the approved documents for each well to:

Richardson Operating Company  
4725 S. Monaco Street, Suite 200,  
Denver, Colorado 80237.

If you have any questions, please do not hesitate to contact me at the number above or via email at [land@richardsonoil.com](mailto:land@richardsonoil.com).

Sincerely,



Ann Barthrop  
Senior Land Analyst

Enclosures

RECEIVED  
AUG 02 2013  
Div. of Oil, Gas & Mining

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**

CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**4/1/2013**

**FROM: (Old Operator):**

N0265-Citation Oil & Gas Corp  
P O BOX 690688  
Houston, TX. 77269

Phone: 1 (281) 891-1000

**TO: ( New Operator):**

N2400-Richardson Operating Co.  
4725 S Monaco Street, Suite 200  
Denver, CO. 80237

Phone: 1 (303)830-8000

**CA No.**

**Unit:**

**Bannock**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
Bannock Fed 21-33	33	380S	240E	4303731425	10923	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/2/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/2/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/26/2013
- Is the new operator registered in the State of Utah:        Business Number: 8776630-0143
- (R649-9-2)Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 8/19/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 8/7/2013

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 8/26/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2013
- Bond information entered in RBDMS on: 8/26/2013
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: 8/26/2013
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB0002500
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

RECEIVED

AUG 02 2013

FORM 9

Div. of Oil, Gas & Mining

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Change of Operator</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: Federal UTU-40361
2. NAME OF OPERATOR: Richardson Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Indian
3. ADDRESS OF OPERATOR: 4725 S Monaco St. Suite 200 CITY Denver STATE CO ZIP 80237		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>685 N 1520 W</u>		8. WELL NAME and NUMBER: BANNOCK-FED 21-33
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>NENW 33 38S 24E</u>		9. API NUMBER: 037-31425
COUNTY: <u>SAN JUAN</u>		10. FIELD AND POOL, OR WILDCAT: BANNOCK
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Citation Oil & Gas Corp. has sold the captioned well to Richardson Operating Company and requests that they be named as Operator of Record effective 4/1/2013

Please release this well from coverage under Citation Oil & Gas Corp.'s Utah Statewide Bond # 104325628.

On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Sharon Ward Permitting Manager: Sharon Ward Date: 4/1/2013

By execution of this document, Richardson Operating Company requests the State of Utah to approve them as Operator of Record for the above captioned well and accepts responsibility for this well under it's Statewide Oil and Gas Lease Bond in favor of the United States Department of the Interior, Bureau of Land Management Bond # RLB0002500.

On behalf of Richardson Operating Company, I hereby certify that the foregoing is true and correct:	
NAME (PLEASE PRINT) <u>David B. Richardson, Jr.</u>	TITLE <u>President</u>
SIGNATURE <u>D.B. Richardson</u>	DATE <u>7-29-2013</u>

(This space for State use only)





## RICHARDSON OPERATING COMPANY

4725 S. Monaco Street, Suite 200  
Denver, Colorado 80237  
(303) 830-8000 Fax (303) 830-8009

RECEIVED

AUG 02 2013

DIV. OF OIL, GAS & MINING

July 29, 2013

Attn: Zeke Clements  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Sundry Notices and Reports on Wells - Change of Operator and Transfers of Authority to Inject

Dear Zeke:

Enclosed for approval by the Utah Division of Oil, Gas and Mining, please find two originally executed Sundry Notices and Reports on Wells on Form 9, for the following 18 leases and wells (API # included):

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20894	Wash Unit 2	43-037-31324 ✓
UTU-20895	Havasus-Federal 41-24	43-037-31279 ✓
UTU-20895	Havasus-Federal 42-24	43-037-31298 ✓
UTU-40361	Bannock -Fed 21-33	43-037-31425 ✓
UTU-52333	24-4 Kiva Federal	43-037-31745 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-52333	Navajo Federal 4-2	43-037-31161 ✓
UTU-52333	Navajo Federal 42-9	43-037-31263 ✓
UTU-52333	Navajo Federal 4-4	43-037-31179 ✓
UTU-52333	Navajo Federal 9-1	43-037-31001 ✓
UTU-56185	Arabian Federal 3	43-037-31287 ✓
UTU-56186	Havasus-Federal 11-19	43-037-31458 ✓
UTU-56186	Havasus-Federal 22-19	43-037-31278 ✓
UTU-58728	Navajo Federal 42-5	43-037-31261 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

APPROVED

AUG 19 2013

DIV. OIL GAS & MINING  
BY: Raehee Medina

Also enclosed for the approval by the Utah Division of Oil, Gas and Mining, please find one originally executed Transfer of Authority to Inject on Form UIC Form 5 for the following seven wells:

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20895	Havasufederal 42-24	43-037-31298 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-56186	Havasufederal 11-19	43-037-31458 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

Please return the approved documents for each well to:

Richardson Operating Company  
4725 S. Monaco Street, Suite 200,  
Denver, Colorado 80237.

If you have any questions, please do not hesitate to contact me at the number above or via email at [land@richardsonoil.com](mailto:land@richardsonoil.com).

Sincerely,



Ann Barthrop  
Senior Land Analyst

Enclosures

RECEIVED  
AUG 02 2013  
Div. of Oil, Gas & Mining

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**

CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**4/1/2013**

**FROM: (Old Operator):**

N0265-Citation Oil & Gas Corp  
P O BOX 690688  
Houston, TX. 77269

Phone: 1 (281) 891-1000

**TO: ( New Operator):**

N2400-Richardson Operating Co.  
4725 S Monaco Street, Suite 200  
Denver, CO. 80237

Phone: 1 (303)830-8000

**CA No.**

**Unit:**

**Bannock**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
Bannock Fed 21-33	33	380S	240E	4303731425	10923	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/2/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/2/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/26/2013
- Is the new operator registered in the State of Utah:        Business Number: 8776630-0143
- (R649-9-2) Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 8/19/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 8/7/2013

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 8/26/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2013
- Bond information entered in RBDMS on: 8/26/2013
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: 8/26/2013
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB0002500
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

RECEIVED

AUG 02 2013

FORM 9

Div. of Oil, Gas & Mining

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Change of Operator</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: Federal UTU-40361
2. NAME OF OPERATOR: Richardson Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Indian
3. ADDRESS OF OPERATOR: 4725 S Monaco St. Suite 200 CITY Denver STATE CO ZIP 80237		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>685 N 1520 W</u>		8. WELL NAME and NUMBER: BANNOCK-FED 21-33
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>NENW 33 38S 24E</u>		9. API NUMBER: 037-31425
COUNTY: <u>SAN JUAN</u>		10. FIELD AND POOL, OR WILDCAT: BANNOCK
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Citation Oil & Gas Corp. has sold the captioned well to Richardson Operating Company and requests that they be named as Operator of Record effective 4/1/2013

Please release this well from coverage under Citation Oil & Gas Corp.'s Utah Statewide Bond # 104325628.

On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Sharon Ward Permitting Manager: Sharon Ward Date: 4/1/2013

By execution of this document, Richardson Operating Company requests the State of Utah to approve them as Operator of Record for the above captioned well and accepts responsibility for this well under it's Statewide Oil and Gas Lease Bond in favor of the United States Department of the Interior, Bureau of Land Management Bond # RLB0002500.

On behalf of Richardson Operating Company, I hereby certify that the foregoing is true and correct:	
NAME (PLEASE PRINT) <u>David B. Richardson, Jr.</u>	TITLE <u>President</u>
SIGNATURE <u>D.B. Richardson</u>	DATE <u>7-29-2013</u>

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-40361

6. If Indian, Allottee or Tribe Name  
Indian

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Richardson Operating Company

3a. Address  
4725 S. Monaco St. Ste. 200 Denver, CO 80237

3b. Phone No. (include area code)  
(303)830-8000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
T: 38S R: 26E S: 4 NENW

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
BANNOCK FED 21-33

9. API Well No.  
43-037-31425

10. Field and Pool or Exploratory Area  
BANNOCK

11. County or Parish, State  
Garfield County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and it is determined that the site is ready for final inspection.)

RECEIVED

SEP 08 2016

DIV. OF OIL, GAS & MINING


The intent of the sundry is to notify that the Bannock Federal 21-33 has been returned to a producing status as of June 15th, 2016.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Cody Niehus

Title Geo Tech / Operations

Signature



Date 08/16/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)